

KIET GROUP OF INSTITUTIONS
NAAC
Criterion II

2.2.1. The institution assesses the learning levels of the students and organises special Programmes for advanced learners and slow learners

List of documents in 2.2.1 (e) Skill Development Programmes

Document Name	Page No.
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OFFICE ORDER: 11/2019

**Skill Enhancement Programme for Smart Empowered Professionals (SEP)
(Revised - Policy on Soft Skills Training)**

Reference: Office Order 22/2018 dated 23 Jul'18

1. It is hereby informed that *Policy* under reference has been revised to accommodate minor changes (Refer - Annexure 1 for revised action plan) to be implemented w.e.f. forthcoming semester i.e. **academic year 2019-20** spanning the entire stay of the student in the campus. The programme will be as per the following duration : B. Tech (100+ Hrs.), B. Pharm (100 Hrs.), MCA (80+ Hrs.), MBA (60 Hrs.) and M. Pharma (40 Hrs.) duly integrated in time table. Semester wise distribution is tabulated below:-

Name of Program	Sem I	Sem II	Sem III	Sem IV	Sem V	Sem VI	Sem VII
B.Tech	10 hours	-	20 hours	20 hours	20 hours	20 hours	10 hours along with Aptitude Training
B.Pharm	-	10 hours	20 hours	20 hours	20 hours	20 hours	10 hours before start of recruitment
MBA	20 hours	20 hours	20 hours	-	-	-	-
MCA	20 hours	20 hours	20 hours	20 hours	10 hours before start of recruitment	-	-
M.Pharm	20 hours	20 hours	-	-	-	-	-

2. It can be seen that the training process (Skill Enhancement Programme for Smart Empowered Professionals - SEP) is ranging from **40 - 100+ hours** depending on the course (B. Tech / B. Pharm / MCA / MBA/ M. Pharm) and will consist of the following stages:-
- Training delivery, which consists of “**Two trainers in a classroom model for two consecutive lectures**” for all the streams in the second and third year of the four year courses running on campus and for a proportionate time for the other courses. It will also be attempted to freeze at least one trainer per year per section for effective monitoring of the students on a long term basis. In addition, the trainer’s performance may also be ascertained.
 - Assessment - To be done on the basis of regular classroom activities, so as to account for the outcomes of the training provided; this is also linked to the number of students recruited every year as well as the percentage of training sessions attended by the student.

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3. The **detailed guidelines** along with topics to be covered in each semester as per the above policy are attached herewith as appendices as per following details:-
 - (a) Appendix A - B. Tech 1st sem. & B. Pharma 2nd semester
 - (b) Appendix B - B. Pharma & B. Tech 3rd semester; MCA & MBA 1st semester
 - (c) Appendix C - B. Pharma & B. Tech 4th semester; MCA & MBA 2nd semester
 - (d) Appendix D - B. Pharma & B. Tech 5th semester; MCA & MBA 3rd semester
 - (e) Appendix E - B. Pharma & B. Tech 6th semester; MCA 4th semester
 - (f) Appendix F - M. Pharmacy 1st and 2nd semester
4. The modalities for implementations will be as follows:-
 - (a) The respective HODs to earmark Soft Skills Training classes - number of hours as per above table in consultation with HOD HS.
 - (b) Regular soft skills training sessions to be integrated in academic time table well in advance.
 - (c) Attendance of students in the Soft Skills Sessions to be considered as a part of the regular attendance, for the students to appear for the internal CT's.
 - (d) Assessment of soft skills year wise through class room activities & grading of students to be done on a scale of 1 – 5 marks for the same (where 1 stands for NEEDS IMPROVEMENT, 2 stands for BELOW AVERAGE, 3 stands for AVERAGE, 4 stands for GOOD and 5 stands for OUTSTANDING).
 - (e) Certification on the basis of **80% and above attendance** and active participation (**achieving a grade of 3, 4 or 5**) in the activities. Those students who have **60% and above attendance** in the Soft Skills sessions and are consistently performing (**achieving a grade of 4 or 5**) well in the class activities will also be awarded a certificate with the relevant grade.
5. The idea is to fine tune the students attitude, values, beliefs, futuristic thinking, life-long learning, team-work, employability, various skill sets of communication, manners, etiquettes etc. so as to ensure that, they are capable enough to deal with different situations diligently and responsibly/ are able to express themselves clearly, correctly and concisely, so as to contribute towards the betterment of society.
6. Please ensure that the policy is implemented in letter and spirit so that the students become **Smart Empowered Professionals** once they graduate from KIET Group of Institutions.
7. The previous **Office Order 22/2018 dated 23 Jul'18** stands superseded.

Dr. Col (A) Garg
Director

12 Jun 19

Distribution:

- Joint Director/ Deans/ Principal-KSOP/ HODs (CS/IT/EC/EN/EI/CE/ME/AS/MCA/MBA/HS) GM-TBI & Dean IEC, Head-CRPC, Head-CAM, Head-AEC, Head-IRCDC, Head – IC, Addl. Head IIPC, Chairperson-ICC, Manager-ITSS, Manager-IA, Manager-HR, Registrar, Admin Officer, Accts Officer, Librarian, Purchase Officer, Central Lab

In order to achieve the above, it has been decided to adopt a seamless approach spanning the entire stay of the student in the campus irrespective of his/her field of study.

The following is the **action plan** according to the respective courses:

(A.Y 2019-20)



B.TECH.

- I SEM - 10 Hours - 1 Lecture per week per section integrated in regular timetable.
 III SEM - 20 hours integrated in regular timetable.
 IV SEM - 20 hours integrated in regular timetable.
 V SEM - 20 hours integrated in regular timetable.
 VI SEM - 20 hours integrated in regular timetable.
 VII SEM - 10 hours of SEP along with Aptitude Training.

TOTAL HOURS: 100+

B.PHARMA.

- II SEM - 10 Hours - 1 Lecture per week per section integrated in regular timetable.
 III SEM - 20 hours integrated in regular timetable.
 IV SEM - 20 hours integrated in regular timetable.
 V SEM - 20 hours integrated in regular timetable.
 VI SEM - 20 hours integrated in regular timetable.
 VII SEM - 10 hours capsule training before recruitment starts.

TOTAL HOURS: 100

MCA

- I SEM - 20 hours integrated in regular timetable.
 II SEM - 20 hours integrated in regular timetable.
 III SEM - 20 hours integrated in regular timetable.
 IV SEM - 20 hours integrated in regular timetable.
 V SEM - 10 hours capsule training before recruitment starts.

TOTAL HOURS: 80+

MBA

- I SEM - 20 hours integrated in regular timetable.
 II SEM - 20 hours integrated in regular timetable.
 III SEM - 20 hours integrated in regular timetable.

TOTAL HOURS: 60


M.PHARMA

- I SEM - 20 hours integrated in regular timetable.
 II SEM - 20 hours integrated in regular timetable.


TOTAL HOURS: 40

[Signature]
12 Jun 19

Department of Humanities & Social Sciences		
Topics for B.Tech 1st Sem & B. Pharma 2nd Sem		
Appendix - A: Soft Skills Module - Employability Skills		
S.NO	NO. OF HOURS	TOPICS TO BE COVERED
1	1	Emergence of Soft Skills
2	1	Attitude
3	1	Emotional Quotient
4	1	Gratitude
5	1	Motivation
6	1	Personality Tree
7	1	Self-Introduction in various context (Social, Professional)
8	1	Communication Skills (LSRW)
9	1	Creativity
10	1	Personal Leadership
Total No. of Hours: 10		
INTERSPERSED ACTIVITIES		Vocabulary building+ JAM, + PARAGRAPH & GRAMMAR WORKSHEETS


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Department of Humanities & Social Sciences				
Topics for B.Tech III Sem, B.Pharm III Sem, MCA I Sem & MBA I Sem				
Appendix - B: Soft Skills Module - Employability Skills				
S.NO	NO. OF HOURS	TOPICS TO BE COVERED		
1	2	Street Smart V/S Book Smart		
2	2	Know Yourself		
3	2	Life Long Learning		
4	2	Peer Pressure		
5	2	Time Management		
6	2	Gender Equality		
7	2	Study Skills		
8	2	Creative Thinking		
9	2	Picture Perception		
		E-mail Writing		
10	2	Grammar Cheat Sheet, Grammar Tips		
12	2	Formal Letter Writing		
13		Verbal Ability Test		
Total No. of Hours		26		


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Topics for B.Tech & B.Pharm IV Sem, MCA & MBA II Sem

Appendix - C: Soft Skills Module - Employability Skills

S.No	Topics	No. of Hours	Session
1	Recap of previous semester learning- Making Connectivity	2	Session 1 and Session 2
2	Emotional Intelligence- in reference to anger	2	Session 3 and Session 4
3	Crisis Management- Change itself becomes a crisis if not faced gracefully	2	Session 5 and Session 6
4	Interpersonal Skills – We are always better together	2	Session 7 and Session 8
5	Body Language and Professional Grooming- Let your words be silent and your actions speak	2	Session 9 and Session 10
6	Business Communication- Power Point Presentation with practice sessions	2	Session 11 and Session 12
7	Business Communication- E-mail Writing, Audio Comprehensions	2	Session 13 and Session 14
8	Self Motivation- Ensuring personal success	2	Session 15 and Session 16
9	GD Practice Session	2	Session 17 and Session 18
10	Grammar Practice/Paragraph Writing	2	Session 19 and Session 20
11	Grammar Practice/ Extempore	2	Session 21 and Session 22
12	Mid Sem Assessment (Ensuring concurrent Control)- Using know thyself approach	2	Session 23 and Session 24
Total No. of hours		24	

Interspersed Activities - Vocabulary (Word Games), Role Plays, Videos, General Awareness Quizzes, Questionnaires (including psychometric tests).


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Department of Humanities & Social Sciences				
Topics for B.Tech V Sem, B.Pharm V Sem, MCA III Sem & MBA III Sem				
Appendix - D: Soft Skills Module - Employability Skills				
S.No	Topics	Sub-Topics	No. of Hours	
1	Skills 4.0: Growing Role of Soft Skills	Soft Skills Vs Hard Skills	2	
		Human vs Machine		
2	Career Planning and Goal Setting (RIASEC TEST)	Placement Synopsis	2	
		Picture Perception	2	
		E-mail Writing Tips		
		Paragraph Writing	2	
		Story Time		
3	Becoming Skillfull	People Management	2	
		Time Management	2	
		Agility Learning	2	
		Creative Thinking	2	
		Becoming An Online Guru	2	
4	Training and Internship		2	
	Total No. of Hours		20	


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Topics for B.Tech VI Sem, B.Pharm VI Sem & MCA IV Sem			
Appendix - E: Soft Skills Module - Employability Skills			
S.No	Topics	No of Hours	Session
1	Recap of previous semester learning - Making connectivity	2	Session 1 and Session 2
2	Elevator pitch , Self analysis and professional Introduction	2	Session 3 and Session 4
3	How to prepare for Industry 4.0 and Industry 5.0 / Industry expectation	2	Session 5 and Session 6
4	Job Seeking skills		
4.1	Virtual Image and Networking	2	Session 7 and Session 8
4.2	Netiquette	2	Session 9 and Session 10
4.3	Cover letter, resume , SOP	2	Session 11 and Session 12
5	Recruitment and selection		
5.1	Multi cultural fluency, Interview process, types , styles, tips	2	Session 13 and Session 14
5.2	Cracking PI through Transactional Analysis	2	Session 15 and Session 16
5.3	Mock GD	6	Session 17 to Session 22
6	Post Assessment (Mock Video exercises)	2	Session 23 and Session 24
Total No. of hours		24	


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Appendix F

M.PHARMA I & II Sem (Soft Skills Module)		
No. of hours	Topics	Sub-Topics
2	Skills in Highest Demand in India//Major Recruiters /Understanding Recruitment Process	Generic Skills, Personality Traits, Domain Specific skills, Recruitment Procedures
3	Self-Analysis and Professional Introduction	SWOT Analysis, Self Esteem, Self-Branding, VAKOG
3	Effective Communication	PPT-and Activities
3	Types of CV-Resume Writing	Assessment/Feedback and Practice Exercise/
3	Critical Thinking, Problem Solving/Decision making	Case Analysis + CNA
12	Interview Skills (FAQs -HR)+CNA	Tips and Practice through Mock Interviews(Assessment)
10	Group Discussions + CNA	Tips and Practice through Mock GDs
4	Written Activities	Paragraph writing, E-mail writing, Picture perception, Formal letter
40	Total No of Hours	


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Time Table of Aptitude Classes - Session 2019-20 (Even Semester)

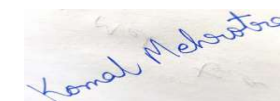
Classes: II Sem (MBA), IV Sem (MCA), & VI Sem (B.Tech & B. Pharm)

W.e.f: 16-01-2020

Day	I Period	II Period	III Period	IV Period	L U N C H	V Period	VI Period	VII Period	VIII Period
	9:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30		12:30-1:30	1:30-2:20	2:20-3:10	3:10-4:00
Monday	IT-6A (SH) MCA-4C (VA)	EC-6C (SH)		EC-6A (SH)		EN-6A (SH) EI-6A (NG)	MBA-2B (NG) EN-6B (SH)	ME-6D (VA)	
Tuesday	IT-6A (SH)	EC-6C (SH)	IT -6B (SH) EN- 6C (VA)			MCA-4A (NG) CS-6C (SH)	EN-6B (SH)	ME-6C (VA)	
Wednesday	MCA-4B (VA)	EN- 6C (VA)	IT -6B (SH) EI-6A (NG)	CS-6A (SH)		MCA-4A (NG) CS-6C (SH) CE-6A (VA)	CS-6B (SH)	ME-6A (VA)	
Thursday	MCA-4B (VA) MBA-2A (NG)	CE-6B (VA)	EC-6B (SH)	CS-6A (SH)			CS-6B (SH)	ME-6B (VA)	
Friday	MBA-2A (NG) MCA-4C (VA)	MBA-2B (NG)	EC-6B (SH) CE-6B (VA)	EC-6A (SH)		EN-6A (SH)	CE-6A (VA)		

- | | |
|--------------------------|----|
| 1. NG- Ms Nilakshi Goel | 8 |
| 2. VA- Mr. Vinod Agarwal | 18 |
| 3. SH- Mr. Shubham Tyagi | 20 |

(Ms Vinita Yadav
Time Table Coordinator



Mr. Komal Mehrotra
HOD-H&SS

Time Table of Soft Skills Training - Session 2019-20 (Odd Semester)

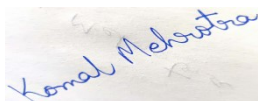
Classes: I Sem (M Pharma), III Sem (MBA & MCA), & V Sem (B.Tech & B. Pharma)

W.e.f: 27-08-2019

Day	I Period	II Period	III Period	IV Period	12:30-1:30	V Period	VI Period	VII Period	VIII Period
	9:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30		1:30-2:20	2:20-3:10	3:10-4:00	4:00-4:50
Monday	B.Pharma – VA (SK+ DR)		ME-V A (DR + NG) IT- V B (KM + MK)		<i>LUNCH</i>	MCA- III A (SK+ NG) EN- VC (MK + HS)			
Tuesday			CE – VA (NG + SK) CS – VA (KM + HS)			CS – V B (MK+ PR) EC – V B (KM + NG)			
Wednesday			ME – V B (KM + SK) ME – V C (DR + VY) CS -V C (MK + PR)			IT – V A (PR + NG) MCA- III B (SK+ VY)		EN – V B (MK+ HS)	
Thursday	M.Pharma – I-A (MK)		EC – V A (PR + NG) ME – V D (HS + VY) B.Pharma –4 th Year (KM)			EN – V A (MK + PR) EI – V A (VY)		MCA – III C (SK+ HS)	
Friday	B.Pharma – VB (VY+ HS)		EC – V C (PR + NG) CE – V B (DR + VY)					MBA – III A (KM +NG) MBA – III B (MK + DR)	
Working Saturday									

1. KM – Mr. Komal Mehrotra
2. PR – Ms Puja Rohatgi
3. VY – Ms Vinita Yadav
4. MK – Dr. Meetu Kumar

5. HS – Mr. Himanshu Saxena
6. SK – Mr. Shrikant Keshav
7. NG – Ms Nilakshi Goel
8. DR - Dimple Raj



Mr Komal Mehrotra)

HOD-HSS

Time Table of Soft Skills Training - Session 2019-20 (Odd Semester)

Classes: I Sem (B. Tech, MBA & MCA), & III Sem (B.Tech & B. Pharma)

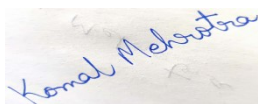
W.e.f: 27-08-2019

Day	I Period	II Period	III Period	IV Period	12:30-1:30	V Period	VI Period	VII Period	VIII Period	
	9:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30		1:30-2:20	2:20-3:10	3:10-4:00	4:00-4:50	
Monday	<u>(D-MKH)</u>	<u>(X-MKH)</u>	<u>(EC-3A-MKH)</u> EN – III B (SP + ST) CE – III B (VY + HC)			<u>(V-MKH)</u> <u>(B-PR)</u> <u>(C-KM)</u> EC – III A (SP + VY) MBA I A (HC + ST)				
Tuesday			<u>(N-ST)</u> <u>(P-MKH)</u>	<u>(U-ST)</u> <u>(Q-MKH)</u>		<u>(O-MKH)</u> <u>(T-HS)</u>	<u>(L-MKH)</u> <u>(M-HS)</u>	CO – III A (SK +VY) CE – III A (SP+HC) EN III-C (ST+ DR)		
Wednesday	B. Pharma – III A (MKH+HC)		<u>(W-HS)</u>	<u>(EC-3A-MKH)</u> <u>(E-HS)</u>		CSE – III B (ST + HC) IT – III C (DR + SP)				
Thursday		<u>(F-MKH)</u>	<u>(H-MKH)</u> EC – III B (SP + SK) ME – III B (HC + DR)			<u>(J-HS)</u>	<u>(K-ST)</u> <u>(G- ST)</u> CSI – III A (SP+DR) MBA– I B (HC + MKH)		EN – III A (NG+ ST)	
Friday	<u>(EC-3A-MKH)</u> B. Pharma – III B (HC + SK)		<u>(A-HS)</u> <u>(R- KM)</u> EC – III C (SP + MKH) EI – III A (ST)			<u>(I-PR)</u> <u>(S-MKH)</u> IT – III A (HS + NG) ME – III A (MK + ST) CSE – III C (DR +SK) IT- III B (SP + HC)				

1. KM – Mr. Komal Mehrotra
2. PR – Ms Puja Rohatgi
3. VY – Ms Vinita Yadav
4. MK – Dr. Meetu Kumar
5. HS – Mr. Himanshu Saxena
4. MK – Dr. Meetu Kumar

6. MKH – Ms. Monika Khurana
7. SK – Mr. Srikant Keshav
8. HC – Mr. Hitesh Chadha
9. ST – Ms. Samiksha Tiwari
10. Ms Nilakshi Goel
8. DR - Dimple Raj

11. SP – Ms. Sudesh Pathania
12. DR – Ms. Dimple Raj



Mr Komal Mehrotra)

HOD-HSS

Time Table of Soft Skills Training - Session 2019-20 (Even Semester)

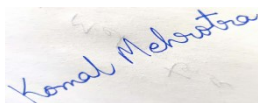
Classes: II Sem (M Pharma), IV Sem (MCA), & VI Sem (B.Tech & B. Pharma)

W.e.f: 16-01-2020

Day	I Period	II Period	III Period	IV Period		V Period	VI Period	VII Period	VIII Period
	9:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:30	1:30-2:20	2:20-3:10	3:10-4:00	4:00-4:50
Monday	B.Pharma – 6A (SK+ MK)		IT- 6 B (KM + SP) EN- 6 C (NG + MKH)		<i>LUNCH</i>	MCA- 4 A (SK+ SP) CS -6 C (MKH + PR)			
Tuesday	ME – 6 B (SP + NG)		CS – 6A (KM + MKH) ME-6 A (MK + SP)			CE – 6A (MK + MKH) CS – 6 B (SK+ PR)			
Wednesday	M.Pharma – 2 A (MK) B.Pharm– 6 B (NG + SK)		ME – 6 C (SP + VY) EC – 6 B (KM + MKH)			IT – 6 A (PR + SK) MCA- 4 B (MK+ VY)			
Thursday	MCA – 4 C (MKH+ NG)		EC – 6 A (PR + SK) CE – 6 B (MK + VY)			EN – 6 A (SP + SK) EI – 6 A (MKH)			
Friday			EC – 6 C (PR + SP) ME – 6 D (NG + VY)			EN – 6 B (MK+ VY)			
Working Saturday									

1. KM – Mr. Komal Mehrotra 06
2. PR – Ms Puja Rohatgi 10
3. VY – Ms Vinita Yadav 10
4. MK – Dr. Meetu Kumar 14

5. MKH- Ms Monika Khurana 14
6. SK – Mr. Shrikant Keshav 14
7. NG – Ms Nilakshi Goel 20
8. SP- Ms Sudesh Pathania 14



Mr Komal Mehrotra)
HOD-HSS

Time Table of Soft Skills Training - Session 2019-20 (Even Semester)

Classes: II Sem (B. Pharm, MBA & MCA), & IV Sem (B.Tech & B. Pharma)

W.e.f: 16-01-2020

Day	I Period	II Period	III Period	IV Period		V Period	VI Period	VII Period	VIII Period
	9:10-10:00	10:00-10:50	10:50-11:40	11:40-12:30	12:30-1:30	1:30-2:20	2:20-3:10	3:10-4:00	4:00-4:50
Monday	B. Pharma- 2 A (HS)	B. Pharma- 2 B (HS)	EN – 4 B (DR + ST) CE – 4 B (VY + HC)			ME – 4 C (VY + MK) MBA -2 A (HS + ST)			
	B. Pharma – 4 B (HC + DR)								
Tuesday	CE – 4 A (VY+HC)		MCA – 2 A (HC + DR) EC – 4A (SK + ST)			CO – 4 A (VY +HS) EN 4-C (ST+ DR)			
Wednesday			CSE – 4 A (HC + ST) ME – 4 D (HS + DR)			CSE – 4 B (ST + HC) IT – 4 C (DR + HS)			
Thursday	EN – 4 A (HS+ ST)		EC – 4 B (SP + ST) ME – 4 B (HC + DR)			CSI – 4 A (+DR) MBA– 2 B (HC + HS)			
Friday	IT – 4 A (MKH + HS)		EC – 4 C (DR + MKH) ME – 4 A (MK + ST) B. Ph – 4 A (HS+HC)		CSE – 4 C (DR +SK) IT- 4 B (SP + HC) EI – 4 A (ST)				

1. KM – Mr. Komal Mehrotra- 00

2. PR – Ms Puja Rohatgi - 00

3. VY – Ms Vinita Yadav - 8

4. MK – Dr. Meetu Kumar - 4

5. HS – Mr. Himanshu Saxena- 18

6. MKH – Ms. Monika Khurana - 4

7. SK – Mr. Srikant Keshav - 4

8. HC – Mr. Hitesh Chadha - 20

9. ST – Ms. Samiksha Tiwari - 20

10. Ms Nilakshi Goel – 00

11. SP – Ms. Sudesh Pathania - 06

12. DR – Ms. Dimple Raj - 20

Komal Mehrotra

Mr Komal Mehrotra)

HOD-HSS

OFFICE ORDER: 18/2020

Formation of Computer Programming Proficiency (CPP) Cell Appointment of Head - Computer Programming Proficiency (CPP) Cell

1. In today's competitive scenario, **sound knowledge of programming languages** by the students opting engineering branches is a much-needed requirement which cannot be ignored in order to prepare them for the skills of tomorrow.
2. **Computer Programming Proficiency (CPP) Cell @ Institute level** is hereby constituted with an objective to familiarize & equip B.Tech students with programming language & coding skills right in the first year thereby preparing them to excel amidst fast changing technological demands to become a Global Professional.
3. **Dr. Vineet Sharma, Professor & HoD CSE** is hereby designated as **Head - Computer Programming Proficiency (CPP) Cell with immediate effect.**
4. The policy doc. covering the details w.r.t. objectives of the CPP Cell, its structure, working, syllabus, outcome, Roadmap etc. for a comprehensive understanding/ clarity shall be issued separately on finalization by Dr. Vineet Sharma in consultation with all stakeholders.
5. The **overall implementation of the proposed policy in a phased manner** in first year (for newly admitted students) shall be under the direct control and supervision of **Head-CPP Cell**. He will be working in close coordination with HoD AS, other engineering HoDs & Head CRPC (Coordinator - KIET Koder's Korner – K3) for the purpose.
6. Dr. Vineet Sharma shall be performing the above duties in addition to his regular academic engagement & will be responsible to the undersigned for this additional assignment.

Dr. (Col) A Garg
Director

Distribution:

- Joint Director/ Deans/ Principal-KSOP/ HoDs (CS/IT/EC/EN/EI/CE/ME/AS/MCA/MBA/HS/CS/CSIT), Addl. HoDs (CO/CSI), GM-TBI & Dean IEC, Head-CRPC, Head-CAM, Head-AEC, Head-IC, Addl. Head-IIPC, Chairperson-ICC, Head-IT Operations, Manager-IA, Head-HR, Registrar, Admin Officer, Accts Officer, Librarian, Purchase Officer, KIETians

Copy to:

- Dr. Vineet Sharma, HoD CSE & Head-CPP Cell
- Dr. C.M Batra, HoD AS - To facilitate its smooth implementation @ dept. level (1st year)
- HoDs (Engineering) & Head CRPC - For requisite support

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Annexure to Office Order 18/2020 dated 15th Sep'20 (CPP Cell)

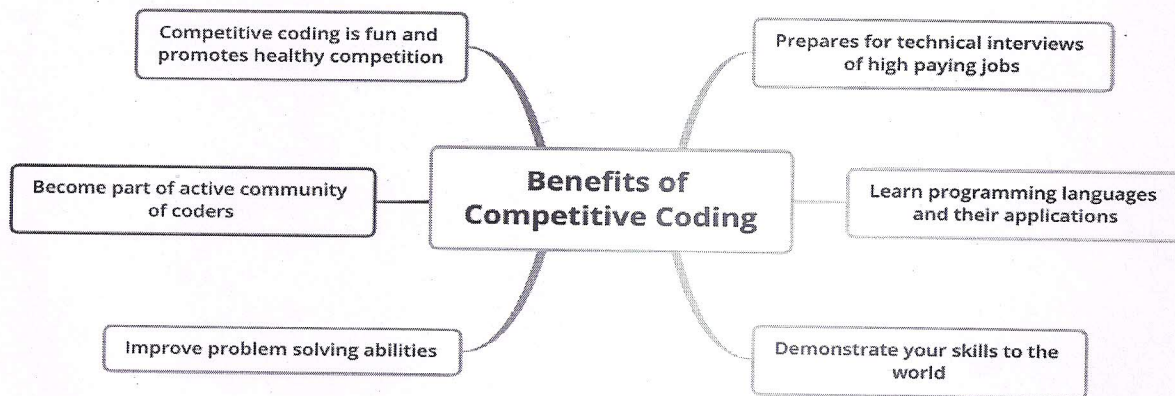
Computer Programming and Proficiency Policy

1. Need for the Policy

Learning and gaining the expertise in computer programming language is extremely important for engineering students not only for circuit branches but for core branches also. It has also been observed that a large number of students of core branches are joining the IT companies and making their career in IT. Knowledge of computer programming is one of the essential tools for students of all branches. It can be anticipated that to become a global professional, computer programming language is an essential attribute along with technical, communication and interpersonal skills.

Students possessing good coding (programming) and analytical skills, polished with soft skills, will prove worthy in their complete professional journey. In KIET, lots of efforts are being applied to make students a complete engineer so that they can sustain and excel amidst the fast-changing technological demands of the industry.

By the interactions of various industry professionals and the feedback received from alumni, it has been found that strong fundamentals and programming language expertise are essential for engineering graduates of all branches in the industry. It is also observed that every year less than 50% of the newly admitted students have computers in their class XII syllabus, and out of them, very few develop computer projects.



The need of the hour is to strengthen the coding ability of each KIET student irrespective of his/her branch from the first year itself. Almost all the world-class institutes and organizations rely on competitive coding to improve their candidate's coding skills. Competitive coding is prevalent in KIET CSE/IT/MCA departments from the second year onwards. However, students of other branches get little exposure to competitive coding before the placement season. Many colleges, including IIIT-Hyderabad (which produces world-class coders), expose students to competitive coding fundamentals in the first year itself. This results in their students performing much better than other colleges in various national and international competitions and securing record-shattering placements. KIET can also gain tremendously by introducing the same **coding culture among our students from the first year itself.**

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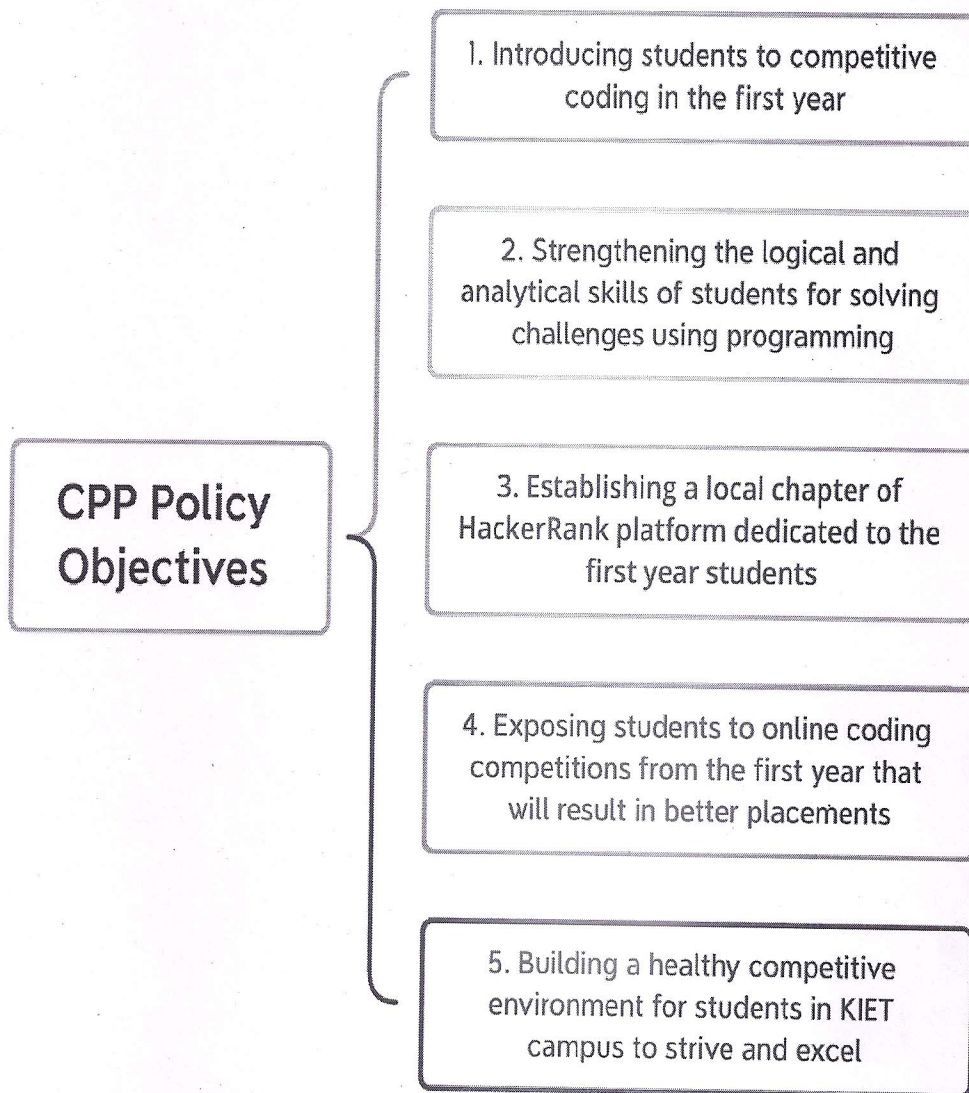
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KIET Group of Institutions

Keeping the above facts in mind i.e. to enhance the programming skills in the engineering graduates of KIET, the **Computer Programming and Proficiency (CPP) Cell** has framed the **programming proficiency policy** to be implemented for the first year so that students will have the desired level of computer programming expertise in due course of the B.Tech program.

2. Objectives of the CPP Policy

Many methodologies are there to evaluate and check students' knowledge like sessional exams, university exams, and achieving different MOOCs certificates. Still, none of these methodologies examines whether students have learned the art to synthesize the knowledge gained by them. In the industry, the art of synthesizing knowledge is more critical than merely acquiring knowledge without having an idea where and how to implement it. The objectives of this policy are designed as follows, keeping in mind the applicability of learning in the real-world:

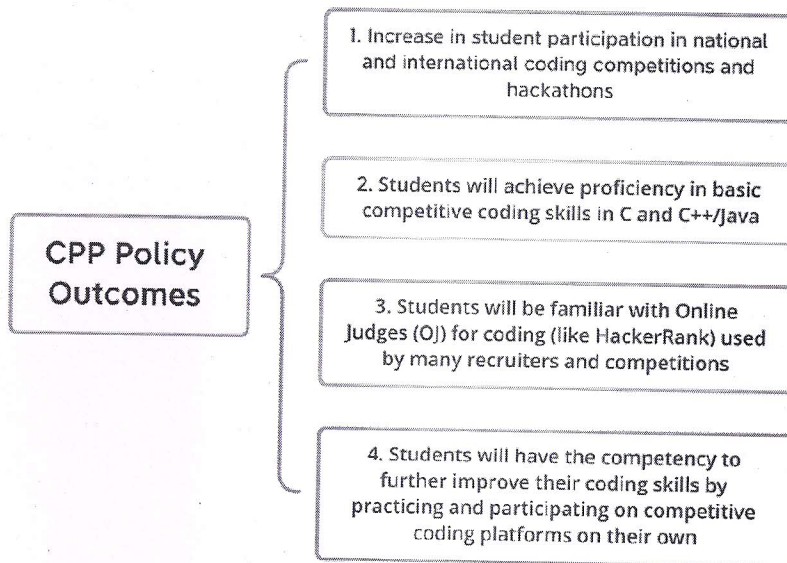


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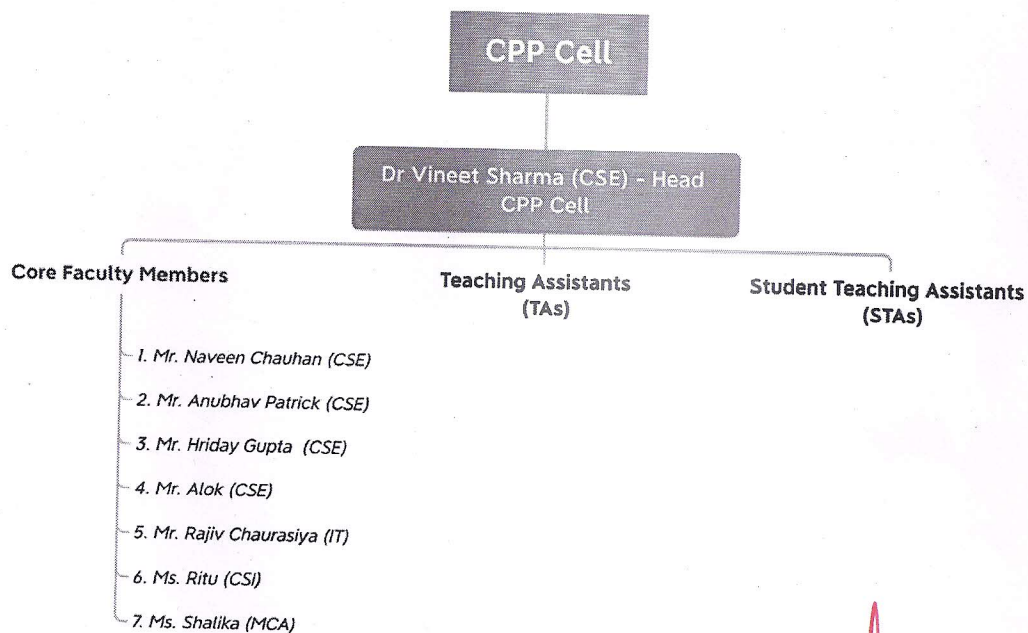
3. Outcomes of the CPP Policy

The CPP policy is designed to help students to garner the ability to synthesize knowledge in competitive coding environment. The outcomes of the CPP policy after successful implementation in the first year will be as follows:



4. Structure of the CPP Cell

- The CPP cell is headed by Dr. Vineet Sharma, Professor and HoD, CSE Department.
- Seven expert faculty from CSE/IT/MCA departments are core members of the CPP cell.
- Four teaching assistants (TAs) who are expert in competitive coding will be members of the CPP cell.
- A pool of dedicated and willing students from IIIrd/IVth year will also be part of the CPP cell as student teaching assistants (STAs).



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5. CPP Curriculum for the First Year

- The CPP curriculum is created after consulting alumni, industry experts, and competitive coders
- The curriculum is divided in two modules
 - Module 1– *Odd Semester*
 - Module 2– *Even Semester*
- Each module requires 96 hours of student interaction in 12 weeks. This will be a mix of student interaction during the time table and also beyond academic hours.
- The curriculum covers the basics of programming, data structures and algorithms, mathematical and analytical problems
- Regular updation of curriculum based on feedback of students, faculties and industry experts will be done

5.1. Module 1 Syllabus

- It is divided in six parts
- Each part has multiple coding challenges of varying difficulties levels:
 - Practice - To be attempted by students only
 - Level 1 (*Beginners*) - Few challenges to be solved by faculties and TAs
 - Level 2 (*Intermediate*) - Few challenges to be solved by faculties, TAs and STAs
 - Level 3 (*Advanced*) - To be attempted by students only

Module 1 Syllabus		
Part-Wise Syllabus		
Part 1	Basic Programming Techniques and Complexity Analysis	input/output, loops, conditional statements, functions etc. space and time restrictions on output
Part 2	Arrays and Matrices	Kth maximum and minimum number, rearrangement, cyclic shift, subsequences etc. rotations, inversions, chain multiplication, submatrices etc.
Part 3	Searching and Sorting	linear, binary, ternary, n-ary search quadratic sorting, logarithmic sorting, linear sorting
Part 4	Number Based Problems	different Types of Numbers (Armstrong, perfect, automorphic, special etc.) combinatorics number theory (primality testing, exponentiation, modular arithmetic etc.) probability bit manipulation
Part 5	Recursion and Backtracking	GCD, array reversal, recursive binary search etc.
Part 6	String Manipulation	pattern search, substring removal, simple encryption, pattern based splitting etc.

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5.2. Module 2 Syllabus

The contents will be similar to in structure and spirit to those of Module 1. However, object oriented programming languages like C++/Java along with Standard Template Library (STL) will be utilized. Some basic data structures and algorithms will also be introduced in Module 2. The level of difficulty of coding challenges in Module 2 will be substantially increased. The syllabus could be issued well in advance before commencement of even semester.

6. Methodology of Teaching in CPP Cell

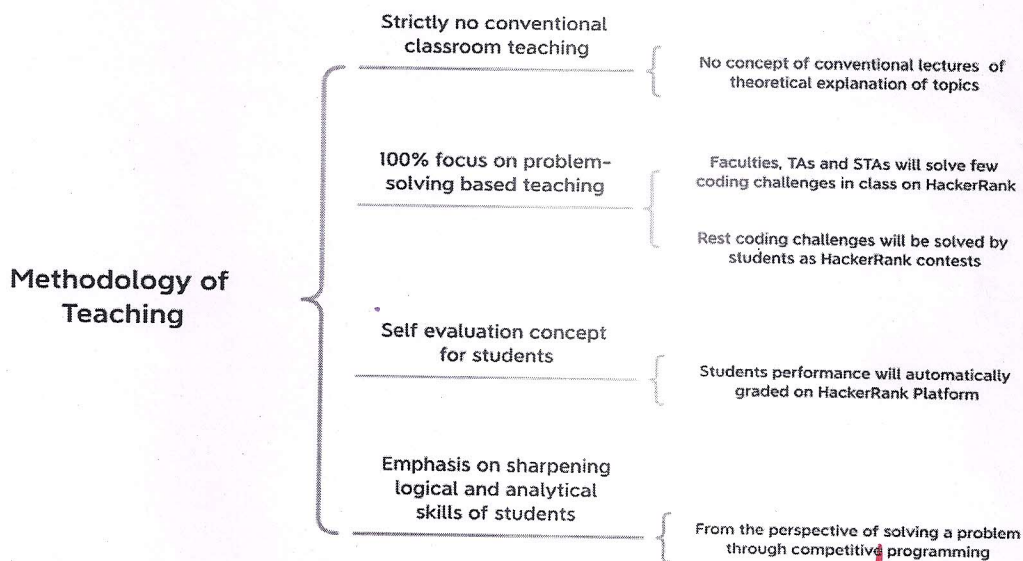
6.1. Coding Platform

After evaluating various competitive coding platforms for their relative merits and demerits, the CPP cell has finalized **HackerRank** platform for all its activities. HackerRank platform provides following advantages over its rivals (like HackerEarth and CodeChef):

- Easy to use for beginners
- Lots of tutorials for students for self-study
- Contain domain/programming language specific challenges for self-practice

6.2. Teaching Methodology

The teaching methodology in CPP cell will be strictly “problem solving” and “self-evaluation” based. There will be no theoretical lectures and the members of the CPP cell (faculty and TAs) will solve the challenges (L1 and L2) of a topic live on HackerRank in the classroom. The students will then try to solve challenges of L1, L2 and L3 of the topic and get automated feedback from HackerRank based on the test cases for each challenge. The students will discuss their doubts with STAs beyond the academic hours of the institute. KIET student clubs like KIET Koders Korner (K3) and DSC Club will organize monthly coding competition with support of CPP cell.

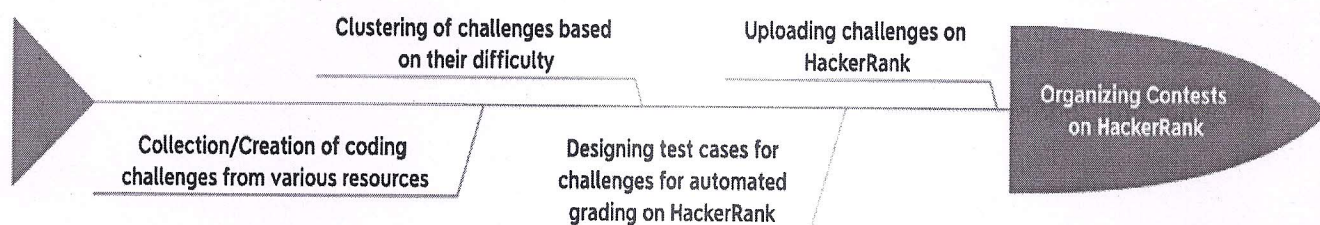


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6.3. Creating Coding Challenges for Students and Organizing Coding Contests

- The CPP cell members can utilize variety of resources to design coding challenges like:
 - a. Laaksonen, Guide to Competitive Programming, 2nd ed., Springer International Publishing, 2020.
 - b. Johan Sannemo, Principles of Algorithmic Problem Solving, Draft version, 2018.
 - c. S. Skiena and M. Revilla, Programming challenges, New York: Springer, 2005.
 - d. Existing programming challenges on HackerRank, HackerEarth and CodeChef
 - e. Coding related websites and blogs like GeeksforGeeks, CareerCup etc.
- 20-25% novel challenges for each level need to be created by the CPP cell members.
- Following figure summarizes the steps involved in organizing coding contests for the students on HackerRank:



6.4. Motivation for First Year Students for the Success of CPP Policy:

To motivate the first-year students to participate wholeheartedly in the activities of the CPP cell, the following steps can be taken:

- Frequent interaction with KIET alumni in IT industry having good package
- Certificate of appreciation
- Coding books as reward
- KIET Coder T-shirts and/or other goodies
- Additional bonus marks may be given to top ranking students in coding competitions
- Participation in prescribed number of competitive coding competitions during summer and winter vacation may be counted towards their internship requirements

6.5. Motivation for Senior Students for Student Teaching Assistantship:

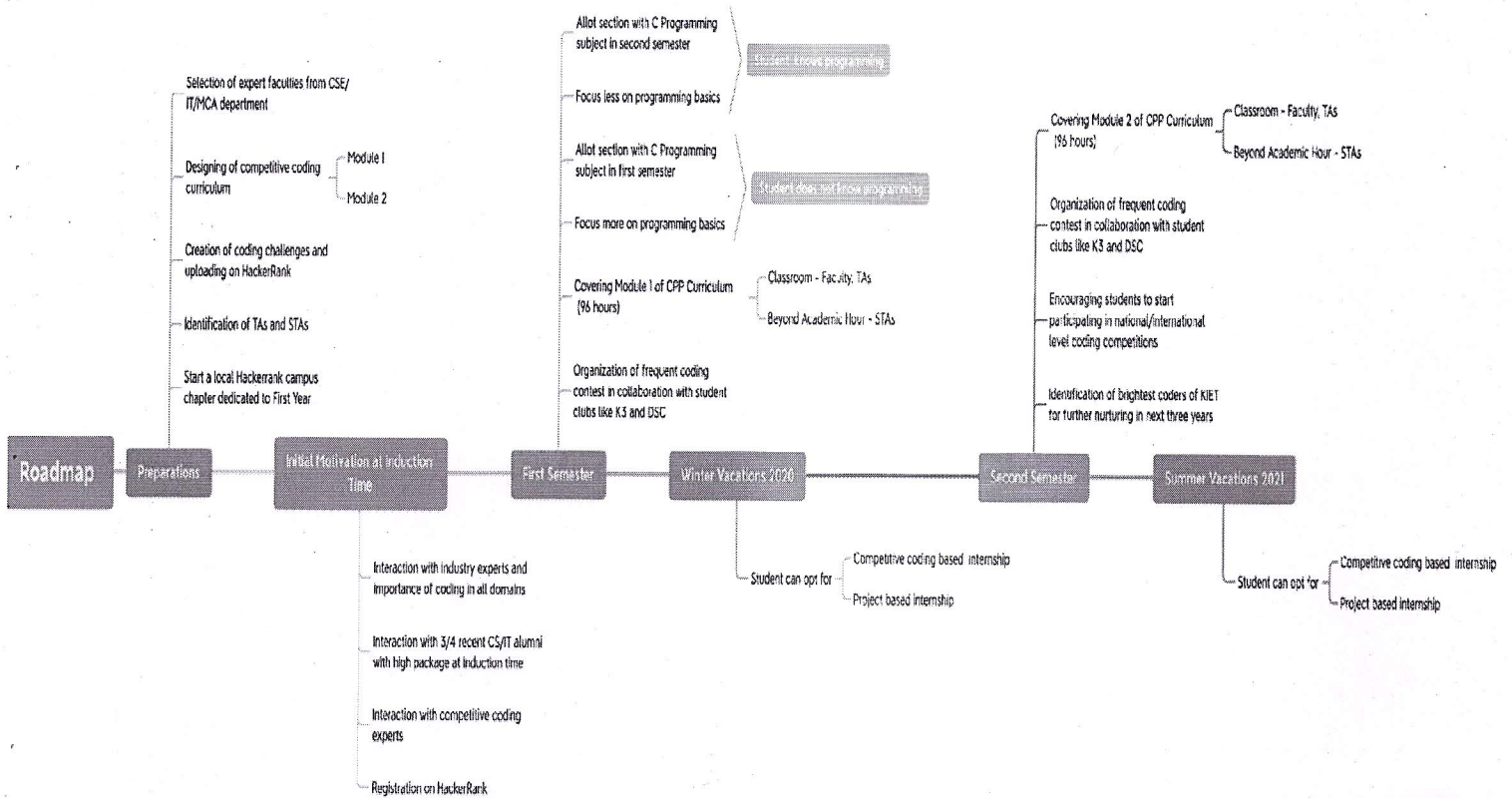
Senior students with proven competitive coding and communication skills who will be involved in this program may get:

- Certificate of appreciation
- Bonus marks in internals
- Their work may be counted towards their internship requirements

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7. Roadmap of CPP Cell for the Session 2020-21



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hmd
05 OCT 2021

OFFICE ORDER: 27/2020

**Skill Development & Finishing School (SD&FS) - New vertical
Appointment of Head - Skill Development & Finishing School (Head-SD&FS)**

Ref: Para 3, Minutes of Academic Council Meeting (ACM) dated 7th Nov'20

1. **Dr. Ajay K. Shrivastava, Prof. & HoD MCA** is hereby designated as **Head - Skill Development & Finishing School (Head-SD&FS) with immediate effect.**
2. He shall be performing the above duties in addition to his regular academic engagement & will be responsible to the undersigned for this additional assignment.
3. The policy doc. covering the detailed modalities w.r.t this new vertical shall be issued separately on finalization.


Dr. (Col) A Garg
Director

Distribution:

- Joint Director/ Deans/ Principal-KSOP/ HoDs (CSE/IT/EC/EN/EI/CE/ME/AS/MCA/MBA/HS), Addl. HoDs (CS/CSIT) GM-TBI & Dean IEC, Head-CRPC, Head-CAM, Head-AEC, Head-IRCDC, Head-IC, Addl. Head-IIPC, Chairperson-ICC, Head-IT Operations, Manager-IA, Head-HR, Registrar, Admin Officer, Accts Officer, Librarian, Purchase Officer, KIETians

Copy to:

- Dr. Ajay. K Shrivastava, HoD MCA & Head - Skill Development & Finishing School (Head-SD&FS)

Policy Document - Skill Development & Finishing School (SD&FS)

Objective: The changing demands of the Industry require more emphasis on coding as a culture, industry-based project and soft skills. The Institute is already working on these aspects in a distributed manner but *coding as a culture* in core engineering branches is not properly addressed. So, a separate vertical named **Skill Development & Finishing School (SD&FS)** is created to address these industry demands and align these distributed activities.

The structure of the vertical is shown in *Figure 1*. It is shown below

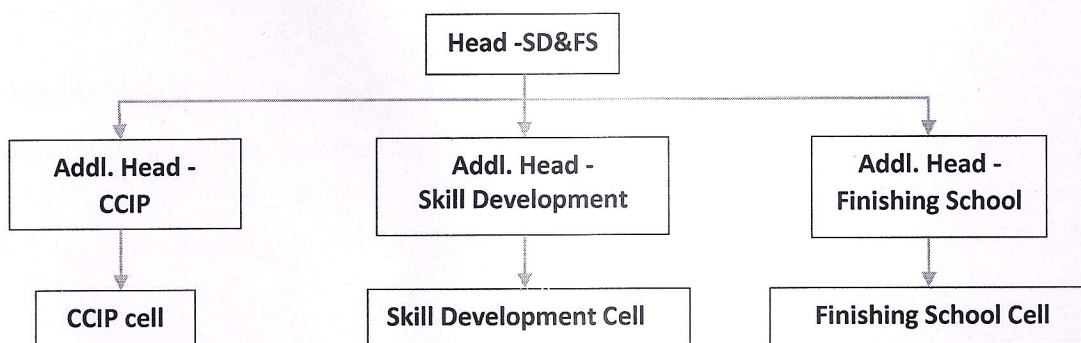


Figure 1: Organizational structure of SD&FS

1. **Mr. Prashant Agrawal, Associate Professor-MCA** appointed as **Addl. Head- CCIP**. This appointment is additional to his regular duties. He will be responsible for planning and smooth conduction of **competitive coding improvement program (CCIP)** for core branches through respective Departments. He will report to Head -SD&FS for CCIP cell. The detailed description is attached at **Appendix-1**.
2. **Dr Vipin Kumar, Associate Professor-MCA** redesignated as **Addl. Head- Skill Development**. This appointment is additional to his regular duties as Associate Professor. He will be responsible for planning and smooth conduct of various skill development activities including Minor Specialization & various technical clubs/Centre of excellences. He will report to Head-SD&FS for this responsibility. The detailed description is attached at **Appendix-2**.
3. **Ms Puja Rohatgi, Addl. Head-HS** is appointed as **Addl. Head- Finishing School**. This appointment is additional to her regular duties. She will be responsible for planning and execution of finishing school. She will report to Head-SD&FS for this responsibility. The detailed description is attached at **Appendix 3**.

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Policy Document for CCIP Module

CCIP- Competitive Coding Improvement Program, is a new initiative of KIET Group of Institutions for fulfilling the need of current trends in hiring freshers in big IT companies. Nowadays all IT companies are focusing very much on coding skills as well as other skills of students.

This document will give you a brief about **organizational structure** and **working process** of the CCIP module.

1.0 Organizational Structure of CCIP Module

The organizational structure of the CCIP module is depicted in Figure 2.0.

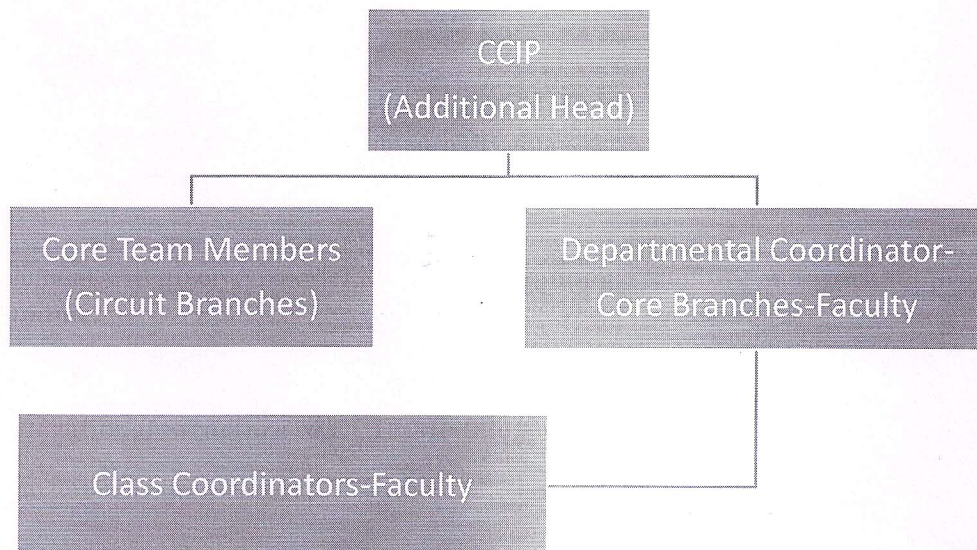


Figure 2: Organizational Structure of CCIP Module

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2.0 Hierarchical Structure of CCIP module

The hierarchical structure of the CCIP module is shown in Figure 3.

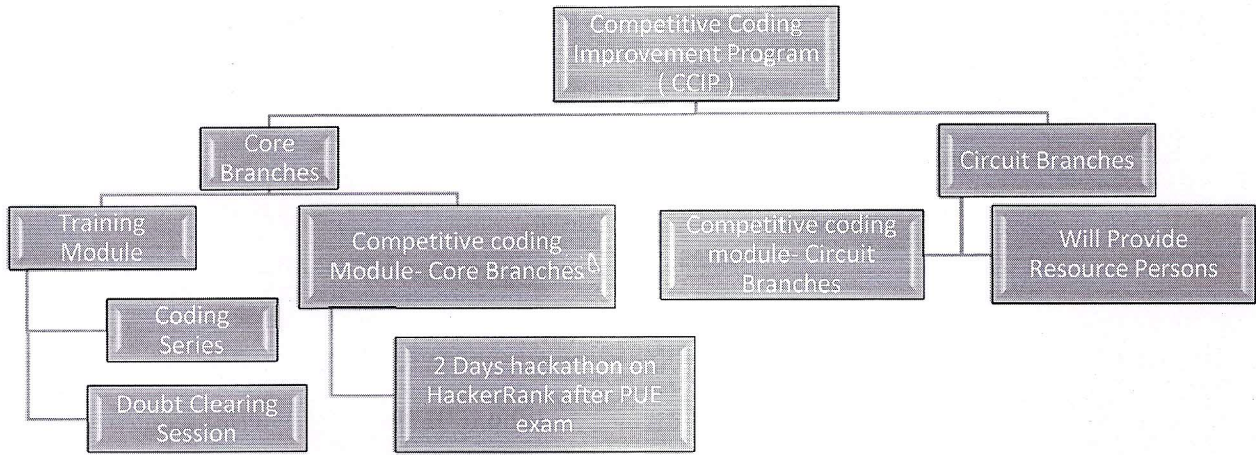


Figure 3: Hierarchical Structure of CCIP Module

3.0 Process of Training Module

The process of training module is shown in Figure 4.

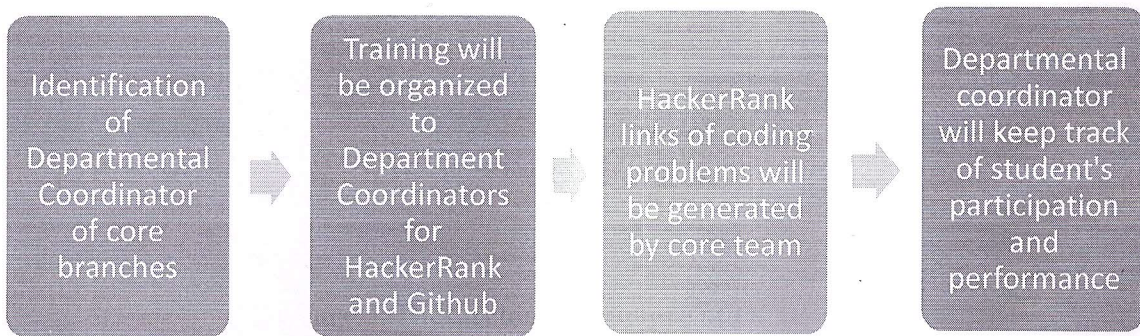


Figure 4: Process of Training Module

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4.0 Role and Responsibility of members - CCIP Module

4.1 Role of Resource Person

- Creating and uploading question set on HackerRank
- Providing technical guidance to students during doubt clearing sessions
- Provide technical training to departmental coordinator regarding HackerRank/GitHub/LinkedIn

4.2 Role of Respective Department

- Department will be responsible to record attendance and maintain discipline of the doubt clearing session.
- The Department will ensure that the students submit their problem solutions on HackerRank, share their code on GitHub and share their learning on LinkedIn.
- The Department will motivate and ensure the 100% participation of students in coding series as well as doubt clearing session.

5.0 Appreciation to students as per their involvement

5.1 Training Module

- Consistency certificates for 100 % participation in throughout the semester
- Star performer certificates for performing better than average
- Achiever Certificates for performing best in throughout the semester
- All certificates will be issued department and semester wise

5.2 Competitive Module


- Top Three students will be awarded by certificates and cash prize at institute level
- Top Three students will be awarded by certificates and cash prize at department level

CCIP for Session 20-21

- Introductory classes on Python will be organized by resource persons for core branches for second year students
- From 4th and 6th semester same CCIP modules can be introduced to all students

Modus Operandi

- Coding Problems will be published on HackerRank per week.
- Students should submit the problems on Hacker Rank within given time period.
- Two lectures per week will be scheduled for doubt clearing session for the problems published in previous week.
- Students will get the regular attendance for attending the doubt clearing session.


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Policy for Skill Development

Administrative Structure

The administrative structure of the Skill Development Cell is shown in Figure 5.

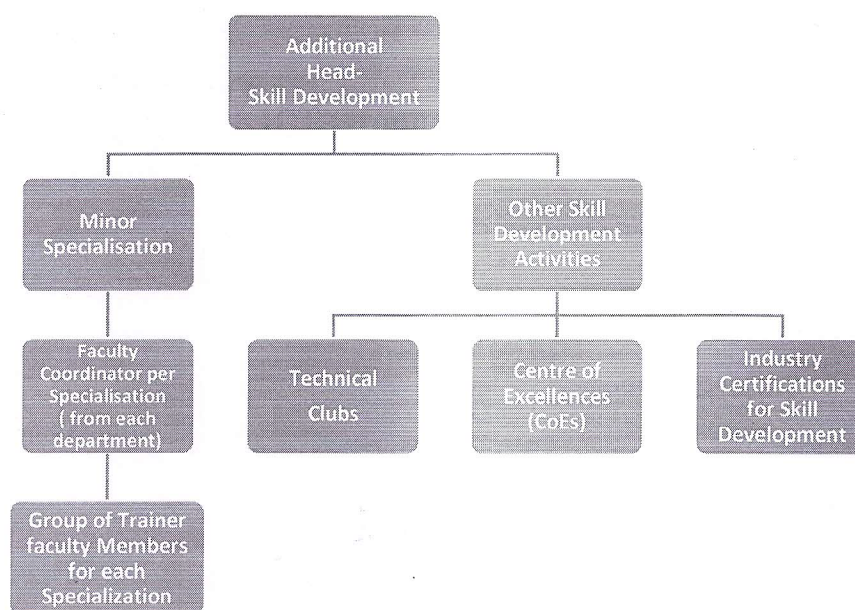


Figure 5: Administrative Structure of Skill Development Cell

Minor Specialization: -

1. Each department should select their own minor specialization area as per their faculty strength and based on industry requirements and student's needs.
2. These minor specialization courses will be offered for interested student of all departments.
3. Minor specialization will be offered in summer break.
4. Evaluation work cum Certificate distribution will be performed in 6th semester.
5. MOOC courses should be offered to students during semester.
6. During semester, all students should work in Excellence Centers (CoEs), Department and Innovation Clubs as per their selected minor specialization.

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KIET Group of Institutions

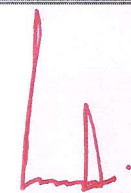
7. Minor specialization course duration will be 6 weeks (180 hrs.) in summer break. The suggestive distribution will be:
 - a. 45 hrs. Training
 - b. 45 hrs. Practical
 - c. 90 hrs. Project Work
8. Departments will appoint a faculty coordinator for coordinating the minor specialization course.
9. Respective Department will be fully responsible for successfully running their minor specialization course.
10. Each department will design their own syllabus for their minor specialization and this syllabus should be approved from Board of Studies (BoS) of respective Department.
11. Syllabus should be practical oriented and based on industry requirements.
12. Syllabus should be planned for two parts. First part should be basic or fundamental that should be offered in 1st summer break and 2nd part should be advanced that should be offered in 2nd summer break.
13. Department should train or arrange their faculty member as per their selected minor specialization area.
14. Inter-Department expert faculty members group should be formed for teaching the respective minor specialization.

Modus operandi:

1. Finalization of minor specialization areas
2. Finalization of Faculty Coordinator from each department
3. Finalization of formation of Inter-Departmental expert faculty members group
4. Finalization of Syllabus & MOOC Courses (if possible) and its approval from respective Department Board of Studies (BoS).
5. Timetable for summer break

Other Skill Development Activities:

- All responsibilities w.r.t. Technical Clubs, CoE & Industry Certifications e.g Coursera / faculty skill development initiatives etc. for Skill Development will continue to be performed as assigned under the previous appointment of Asst. Dean Academics (Skill Development).


02 Dec 20

Finishing School Policy

The Finishing School at KIET Group of Institutions has been created with a view to provide final polishing touches to the students across all domains just before appearing for their recruitment process and getting hired as a professional in the corporate world after earning the **ASSET (Aptitude + Soft Skills + English + Technical Proficiency) Certificate** within a period of 4 – 8 weeks. The number of hours invested during this program will be counted as **a part of the students' internship**, and hence considered to be mandatory.


As soon as the student ends the pre-final year exams, he/she will undergo a mix of external third-party training and an in-house training, to meet the following objectives –

- To groom students as per the company standards
- To hone the skills of the students in three verticals viz., Aptitude (QA + LR + VA), Soft Skills, and Technical Skills in tandem with the current industry needs
- To prepare the students for Recruitment for mass recruiters
- To provide students with the "ASSET" certificate for readiness towards recruitment drives

As a pilot program, this will be starting from the 2021 passing out batch of B. Tech and MCA. Modalities for Pharmacy & MBA students shall follow separately.

Modus operandi ...

- All students will undergo a 17-days training that will be imparted to them as follows –
 - A 2-day input on Soft Skills – tips on Resume Writing, Group Discussions, and Personal Interviews from the faculty of H&S Department – Training Wing.
 - A 10-day input on Aptitude (QA + LR + VA) / Cognitive Assessment by an external 3rd party vendor.
 - A 5-day input on Technical topics useful for recruitment tests by an Industry expert, Alumni, or an Expert Faculty from our Institute. The two days will be given to problem solving and coding skills and remaining three days will be given to branch specific technical training. Respective Departments will be responsible to conduct the branch specific technical training for three days.
- On completion of this training, all the students will appear for **the first placement readiness test (PRT-1)**, based on the pattern of the major mass recruiters that will have sectional cut-off, so as to identify the problem area of particular students.
- Those students who qualify the PRT-1 will appear for a mock panel interview round with a technical resource person (Industry expert/Alumni/Institute Faculty) and an in-house HR expert / Soft Skills Trainer (number of days required may vary according to the


02 Nov 20

KIET Group of Institutions

number of students that qualify PRT-1), will be conducted parallel to the refresher being run for the students who fail to qualify PRT-1.

- Those students who qualify the interview will gain the ASSET Certification.
- Those students who are unable to qualify the interview process will get one-on-one mentoring sessions with a Soft Skills Trainer.

- Those students who are unable to qualify PRT-1, will get a one-week refresher/doubt removal session that will be conducted by in-house resources on their domain of improvement and then **appear for PRT-2** that will be conducted on similar lines to PRT-1.

- Those students who qualify the PRT-2, will appear for a mock panel interview (technical + HR – here the resource persons would be internal) .
 - Students who qualify the interview will gain the ASSET Certification.
 - Students who are unable to qualify the interview process will get one-on-one mentoring sessions with a Soft Skills Trainer.


- Those students who are unable to qualify PRT-2, will again undergo a one-week refresher/doubt removal session according to their improvement area, and then **appear for a final PRT-3** based on similar lines as PRT-1.

- Those students who qualify the PRT-3, will appear for a mock panel interview (technical + HR)
 - Students who qualify the interview process will gain the ASSET Certification.
 - Students who are unable to qualify the interview process will not be awarded the ASSET Certification.

Modus operandi for the SCHOLAR BATCH

- Those students who **qualify PRT-1 with an above average score** in all the sections and also **perform well in the interview process** will be considered as the premium/scholar batch of students who will be eligible for better job profiles/packages.

- These students will be imparted special training for the remaining duration of the summer break to prepare them for the better profiles/packages (resource persons from the industry / alumni / faculty to be used as per requirement).


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Modus operandi for Capsule Trainings of selected companies

- After receiving the relevant information regarding the next recruitment drive from the CRPC Department, and taking the number of days available for the recruitment process to commence, a company specific training would be organized as per its recruitment pattern.
 - The duration of the training and the requirement of resource persons for the training would be dependent on two variables – first, is the number of days available, and second is the number of students eligible/registered for the process.

Administrative Structure of the Finishing School:

The administrative structure of the finishing school is shown in Figure 6.

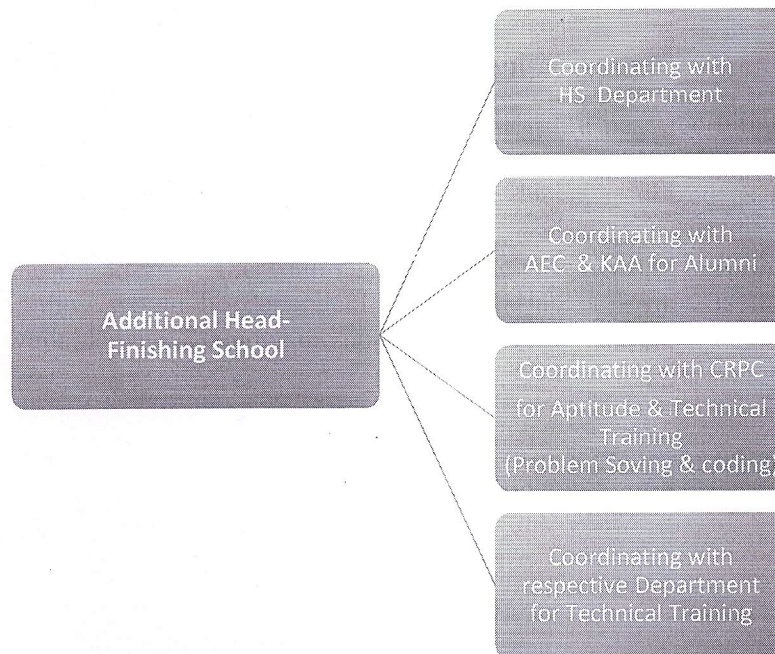


Figure 6: Administrative Structure of Finishing School

Note:

1. **Student Training Coordinators (STCs)** - One student (final year)/section would be assigned as Student Training Coordinators (STCs) who will perform their role under the overall directions of Addl. Head- FS as per requirement projected from time to time.
2. **Nomination of SPOCs - Soft Skill & Technical Skill Training** – In case SPOCs are needed from concerned dept., Addl. Head-FS will nominate in consultation with Head-SD&FS.

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KIET Group of Institutions

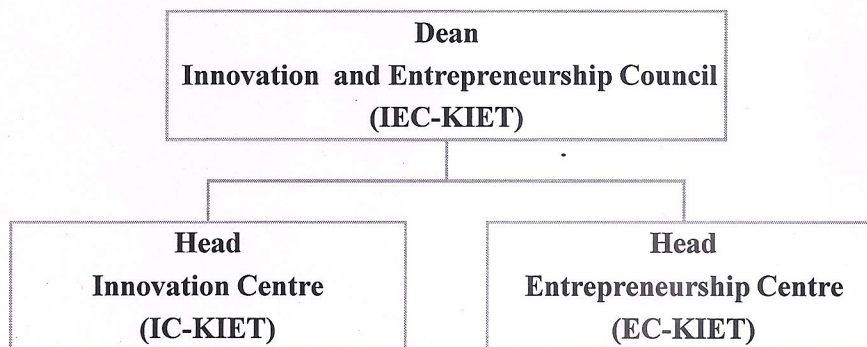
Ref/ Dir/06 /2019

1st Apr'19

OFFICE ORDER: 06/2019

Establishment of Innovation and Entrepreneurship Council (IEC) KIET Group of Institutions

1. KIET Group of Institutions is committed to achieve excellence in technical education & create competent professionals for industry & socio economic development to meet national and international needs.
2. In order to give a holistic approach to education and in addition to Academics/Research, another vertical for *Innovation and Entrepreneurship* is being created in the Institute (*i.e. IEC*) with the following broad objectives:-
 - a. The students will have facilities to innovate technology and products. Sufficient training on state of the art technology will be imparted to the students.
 - b. Interested students can incubate various innovative products.
 - c. Those interested can start their own company and complete entrepreneurship support would be provided.
 - d. This vertical will be a platform for the students who wish to start their entrepreneurial journey right from the first year onward.
3. The structure of the **Innovation and Entrepreneurship Council (IEC)** will be as follows:



4. The following personnel would be responsible for their designated roles as under:
 - a. Dean Innovation and Entrepreneurship Council (IEC) - Mr. Satendra Kumar, GM-TBI (Additional Charge).
 - b. Head, Entrepreneurship Centre (EC) - Mr. Ashish Thombre
 - c. Head, Innovation Centre (IC) - Mr. Abhay Upadhyaya

KIET Group of Institutions

5. Additional Heads may be appointed separately as deemed fit with recommendation of Dean IEC.
6. The roles and responsibilities of various office bearers are mentioned in the enclosed policy document. Detailed functioning of the Innovation Centre has already been spelt out vide circular dated 5 Dec'18.
7. The above Office Order is applicable with immediate effect (i.e. **01 April 2019**).
8. HoDs are requested to give a wide publicity of the above vertical and lay departmental policies for its effective utilization.


Dr. (Col) A Garg
Director

01 APR 19

Distribution:

- Joint Director /Deans/ Principal-KSOP/ HoDs (CS/IT/EC/EN/EI/CE/ME/AS/MCA/MBA/HS) GM-TBI, Head - CRPC, Manager-IT Operations, Manager-Institutional Affairs, Head IC, Manager-HR, Registrar, Admin Officer, Accts Officer, Librarian, Purchase Officer

Copy to:

- Mr. Satendra Kumar, Dean IEC -KIET
- Mr. Ashish Thombre, Head EC -KIET
- Mr. Abhay Upadhyaya, Head IC-KIET

PRIORITY

KIET Group of Institutions, Ghaziabad
Department of Electrical & Electronics Engineering
INNOTECH 2019

Date: 30th October 2019

Note sheet

Road Map for continuous progress of Annual Technical Fest- INNOTECH 2K19

The INNOTECH Team is planning to work out on KIET Technical Fest-INNOTECH 2K19 round the year so that it can be nurtured for superior level in future and it can cultivate some fruitful results keeping in mind the long term vision about NIRF ranking of KIET Group of Institutions. For this, team is proposing a post event Road Maps for INNOTECH 2K19.

- Step 1: The institute will preserve some good projects as an asset for upcoming batch R&D.
- Step 2: The institute will arrange two teaching slots on Friday afternoon in upcoming semesters with INNOTECH selected project students who can work for the advancement of these projects and can also work on some other ideas.
- Step 3: On the basis of progress of projects, the students will be motivated and guided to work on patent filing, research papers writing and technology transfers.
- Step 4: Students will also work on the planned Symposium in the month of February 2020. They will work along with the senior faculty of department to get some international collaboration too.
- Step 5: Students will also be motivated and encouraged to work on live projects from the industries.
- Step 6: Finally not selected projects should be distributed in their respective departments and their classes may also be organized by them on Fridays to prepare them for next year INNOTECH.
- Step 7: Students will also be motivated and encouraged to project for develop service to the society.

As a result of all these efforts, the INNOTECH team will plan to get some financial assistantship/ sponsorship for the next INNOTECH 2020.

The INNOTECH team is looking forward for your motivation and encouragements for the same. All the proposed post event tasks will take shape after your kind approval.

The sheet is being put for your kind approval please.

Discussed in ACM 31 OCT 19
All members appreciated

[Signature] 30/10/19

HoD & Convenor
EN Department

HoD EN

Good thought
All take views of
ACM members
on 31 OCT 19

[Signature]
Approve

Director
(for kind approval)

[Signature]
01/11

HoD EN

Dean (A) - Issue road map on 05/11.
BE discuss draft on 04/11.

30/10



Project Competition/Exhibition 2019

B.Tech/B.Pharma/MCA/MBA

KIET Group of institutions will conduct "Project Competition/Exhibition from 26th Nov'19 to 27th Nov'19. The projects play an important role in shaping the overall career of a student. The students apply their entire conceptual ideas for developing practical and innovative models. To encourage the students, KIET holds an Interdepartmental Project Competition every year in several disciplines.

The project competition gives an opportunity to the students to showcase their talent, research orientation and untapped potential. The goal of this competition is to prepare the future generation of engineers to be innovative leaders, responsible citizens and problem solvers. Thus, there is a need of recognition of the amount of hard work by the students. Every year, students from different departments participate in Project Competition in coordination with their respected departments.

Best project will be forwarded for INNOTECH 2K19 (30th November 2019).

As per the disbursement in the development of projects, department are categorized as follows:

Category A: EN, ECE, ME, CE – INR 35,000/-

Category B: KSOP, CSE, AS - INR 30,000/-

Category C: MCA, EI, IT, MBA – INR 25,000/-

(Departments are recommended to reimburse the cost incurred in the development of project after verifying the purchasing slip.)

Note 1: All HoDs are requested to forward the reimbursement cases as stated above to the Office of Dean Academics by 07th December 2019.

Note 2: Some CRs of respective departments raised the issue regarding the non-reimbursement of last year projects. So, kindly put such cases with required documents to the Office of Dean Academics by 23rd November 2019.

Director

15 Nov 19,

Dean (Academics)

15/11/2019
Dean (Academics)
KIET GROUP OF INSTITUTIONS
Ghaziabad



The competition/Exhibition will comprise of the following guidelines

Eligibility:

All students from all branches are invited to participate. Participation will be confirmed after screening of the projects.

First Year (All Courses):

Team Creation and Project Selection Procedure:

Batch Size : 8-10

Step 1: Project Coordinator Formation: HOD/Add.HOD /Senior Professor and Project Coordinator(s).

Step 2: Project Coordinator (s) will collect the Projects title with synopsis from all faculty members and will provide it to the students so that they could select their project.

Step 3: Students have to submit their group name and project title to undersigned till **prescribed** date.

Step 4: Type of Project: They will be guided, which type of projects are highly recommended at first year level(Model Based / Simple mini projects).

Step 5: Interdisciplinary projects are the demand of today's world so collaboration with other Domains/departments is encouraged.

Step 6: Different project groups may develop same type of project however best one will be chosen for felicitation.

Step 7: For first year students to cultivate the habit of project development they are advised to take help from already developed projects/models allowed to replicate with small changes or adding some ideas.

Step 8: Mentor Allocation: After finalization of team and project title, Coordinator(s) will assign one mentor to the particular team which Project Title is matched to mentor's specialization so students can discuss their queries/progress to their mentor.

Step 9: Project Coordinator (s) will provide mentor's list to the students through Notice Boards and e-mails.

Step 10: The organizers reserve all rights to disqualify any team for usage of unfair means.



Step 11: After completion of the event students would be encouraged to participate and implement more projects that provide the solutions of real world's problems like : Traffic Control, Pollution reduction and Overcome natural disasters etc.

Step 12: For any kind of query students may contact to their Supervisor/Guide. Participation of all students is expected.

Project Registration Format:

S.No.	Project Name	Team Size	Student Name	Branch	Year (Section)	Contact Detail
1.						
2.						

Evaluation Procedure:

- For evaluation of projects some of the judges will be invited from industry (they may be alumni) and other departments.
- Jury decision will be final.
- **PRIZE**
 - First three positions will be rewarded
 - **First Prize Money : Rs 5000/-**
 - **Second Prize Money : Rs 3000/-**
 - **Third Prize Money : Rs 2000/-**

Criterion for evaluation:

- 1. Innovation of Idea :**
 - a. Introduction
 - b. How innovative that idea is?
 - c. Is it solving some big or small problem?
 - d. How it is improving some existing process?
- 2. Scalability as a product:**
 - a. Is it scalable at production level? For example, is this involving development work, Prototyping, Test and Redesigning?



3. Economic Feasibility in terms of available solution :

- a. How viable this project is in terms of cost and economy? Let's say, we are automating the process of drainage cleaning via robot. So, is it possible to replace humans with an economic feasible solution?

4. Presentation :

- a. Do presentations cover all points?
- b. How good presentation is for non-tech and tech both kind people. Is it a perfect mixture?
- c. How the flow of presentation is?
- d. Is it connected or has broken links where audience feels lost?

5. Running project status:

- a. Is full prototype of project ready?
- b. Do we have modular structure and one or two modules are running?
- c. In case of multiple modules, is the framework for all modules ready?
- d. Is project in a condition where it can be used via general public too, without the intervention from development team?

Evaluation Sheet:

S.No.	Project Name or Project ID	Evaluation Parameters					Total Marks (50)
		Innovation of Idea (10)	Scalability (10)	Feasibility (10)	Presentation (10)	Running Status (10)	
1.	XYZ						



Second Year (B.Tech/B.Pharma):

Team Creation and Project Selection Procedure:

Batch Size : 4-5

Step 1: Project Coordinator Formation: HOD/Add.HOD /Senior Professor and Project Coordinator (s).

Step 2: Project Coordinator(s) will announce the project development and team formation to the students till a prescribed date.

Step 3: Students will submit their group name and project title and synopsis (if possible) to undersigned till **prescribed date**.
If there is any group who is facing problem to select project tile then Project Coordinator(s) will provide the project title list (submitted by all faculty members), to make their selection easy.

Step 4: Interdisciplinary projects are the demand of today's world so collaboration with other domains/departments is encouraged.

Step 5: Project team will also be formed year wise and interdisciplinary.

Step 6: Type of project:

Project may Research Idea based, Application based and Utility based related to corresponding branch.

Step 7: Different project groups may develop same type of project however best one will be chosen for felicitation.

Step 8: For second year students to cultivate the habit of project development they are advised to take help from already developed project and allowed to replicate with small changes or adding some ideas.

Step 9: Guide Allocation : After finalization of team and project title, Coordinator(s) will assign one Guide to the particular team which Project Title is matched to Guide's specialization so students can discuss their queries/progress to their Guide.

Step 10: Project Coordinator (s) will provide Guide's list to the students through Notice Boards and e-mails.

Step 11: The organizers reserve all rights to disqualify any team for usage of unfair means.

Step 12: After completion of the event students would be encouraged to commercialize their project and financial/incubation related help will be provided as per guidelines.



Step 13: For any kind of query students may contact to their HOD. Participation of all students is expected.

Project Registration Format:

S.No.	Project Name	Team Size	Student Name	Branch	Year (Section)	Contact Detail
1.						
2.						

Evaluation Procedure:

- For evaluation of projects some of the judges will be invited from industry (they may be alumni) and other departments.
- Based on evaluation by judges top project teams from each department will be forwarded to INNOTECH 2K19.
- Jury decision will be final.
- **PRIZE**
 - First two positions will be rewarded as:
 - **First Prize Money : Rs 5000/-**
 - **Second Prize Money : Rs 3000/-**

Criterion for evaluation:

1. Innovation of Idea:

- a. Introduction
- b. How innovative that idea is?
- c. Is it solving some big or small problem?
- d. How it is improving some existing process?

2. Scalability as a product :

- a. Is it scalable at production level? For example, is this involving development work, Prototyping, Test and Redesigning?

3. Economic Feasibility in terms of available solution :

- a. How viable this project is in terms of cost and economy? Let's say, we are automating the process of drainage cleaning via robot. So, is it possible to replace humans with an economic feasible solution?



4. Presentation :

- a. Do presentations cover all points?
- b. How good presentation is for non-tech and tech both kind people. Is it a perfect mixture?
- c. How the flow of presentation is?
- d. Is it connected or has broken links where audience feels lost?

5. Running project status :

- a. Is full prototype of project ready?
- b. Do we have modular structure and one or two modules are running?
- c. In case of multiple modules, is the framework for all modules ready?
- d. Is project in a condition where it can be used via general public too, without the intervention from development team?

Evaluation Sheet:

S.No.	Project Name or Project ID	Evaluation Parameters					Total Marks (50)
		Innovation of Idea (10)	Scalability (10)	Feasibility (10)	Presentation (10)	Running Status (10)	
1.	XYZ						



Third Year(B.Tech/B.Pharma):

Team Creation and Project Selection Procedure:

Batch Size : 2-3

Step 1: Project Coordinator Formation: HOD/Add.HOD /Senior Professor and Project Coordinator (s).

Step 2: Project Coordinator(s) will announce the project development and team formation to the students till a prescribed date.

Step 3: Students will submit their group name and project title and synopsis (if possible) to undersigned till **prescribed date**.
If there is any group who is facing problem to select project tile then Project Coordinator(s) will provide the project title list (submitted by all faculty members), to make their selection easy.

Step 4: Interdisciplinary projects are the demand of today's world so collaboration with other domains/departments is encouraged.

Step 5: Project team can also be formed year wise and interdisciplinary.

Step 6: Type of project:

Project may be of high quality as **Mobile Application and Embedded Application**, Business oriented, Advance Construction Techniques , Light weight concrete etc related to corresponding branch.

Step 7: Different project groups may develop same type of project however best one will be chosen for felicitation.

Step 8: For third year projects, students are strictly advised to develop some innovative and extensive research ideas.

Step 9: Guide Allocation : After finalization of team and project title, Coordinator(s) will assign one guide to the particular team which Project Title is matched to guide's specialization so that students can discuss their queries/progress to their guide.

Step 10: Project Coordinator (s) will provide guide's list to the students through Notice Boards and e-mails.

Step 11: The organizers reserve all rights to disqualify any team for usage of unfair means.

Step 12: After completion of the event students would be encouraged to commercialize their project and financial/incubation related help will be provided as per guidelines.



Step 13: For any kind of query students may contact to undersigned. Participation of all students is expected.

Project Registration Format:

S.No.	Project Name	Team Size	Student Name	Branch	Year (Section)	Contact Detail
1.						
2.						

Evaluation Procedure:

- For evaluation of projects some of the judges will be invited from industry (they may be alumni) and other departments.
- Based on evaluation by judges top project teams from each department will be forwarded to INNOTECH 2K19.
- Jury decision will be final.
- **PRIZE**
 - First two positions will be rewarded as:
 - **First Prize Money : Rs 5000/-**
 - **Second Prize Money : Rs 3000/-**

Criterion for evaluation:

- 1. Innovation of Idea :**
 - a. Introduction
 - b. How innovative that idea is?
 - c. Is it solving some big or small problem?
 - d. How it is improving some existing process?
- 2. Scalability as a product:**
 - a. Is it scalable at production level? For example, is this involving development work, Prototyping, Test and Redesigning?
- 3. Economic Feasibility in terms of available solution :**
 - a. How viable this project is in terms of cost and economy? Let's say, we are automating the process of drainage cleaning via robot. So, is it possible to replace humans with an economic feasible solution?



4. Presentation :

- a. Do presentations cover all points?
- b. How good presentation is for non-tech and tech both kind people. Is it a perfect mixture?
- c. How the flow of presentation is?
- d. Is it connected or has broken links where audience feels lost?

5. Running project status:

- a. Is full prototype of project ready?
- b. Do we have modular structure and one or two modules are running?
- c. In case of multiple modules, is the framework for all modules ready?
- d. Is project in a condition where it can be used via general public too, without the intervention from development team?

Evaluation Sheet :

S.No.	Project Name or Project ID	Evaluation Parameters					Total Marks (50)
		Innovation of Idea (10)	Scalability (10)	Feasibility (10)	Presentation (10)	Running Status (10)	
1.	XYZ						

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Catagory	Fees Status (Paid/Not Paid)	Deptt	Cat No
1	76		Automatic soldering machine	MRADUL	robotics and automation	UNPAID	ME	
2	77		Automated Combat Vehicle	KETAN SINGH	robotics and automation	UNPAID	ME	
3	78		Wall climbing robot	VISHNU KUMAR	robotics and automation	UNPAID	ME	
4	79		Electric automation with visitor counter	SANJEEV GUPTA	robotics and automation	UNPAID	ME	
5	80		Smart rover	SIDDHARTH SHARMA	robotics and automation	UNPAID	ME	
6	81		cruise control	YASH SRIVASTAVA	robotics and automation	UNPAID	ME	
7	82		Train Control System	Sumit Bhardwaj	Robotics and Automation		ECE	
8	83	Project 1	Smart Wheel Chair	Dhanesh Shukla	Robotics and Automation		ECE	
		Project 2	Obstacle Avoiding and Line follower DIY Car	Tanuj Chaudhary	Robotics and Automation		ECE	
9	84	Project 1	Fire Fighting Robot	Ishani Rawat	Robotics and Automation		ECE	
		Project 2	Chair	Himashu Aya	Robotics and Automation		ECE	
		Project 1	Never Enough	Harshit Maheshwari	Robotics and Automation		ECE	

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
10	85	Project 2	Wearable Electronic Rescue System	Sumit Kumar Upadhyay	Robotics and Automation		ECE	
11	86	Project 1	Automatic Hand	Bhawesh Tiwari	Robotics and Automation		ECE	
		Project 2	Surveillance Drone	Mahima Sharma	Robotics and Automation		ECE	
12	87		Automatic Electric Ramp	SHIRSHAK SHUKLA	ROBOTICS AND AUTOMATION	UNPAID	EN	
13	88		Flood Rescue	Muskan Jaiswal	ROBOTICS AND AUTOMATION	UNPAID	EN	
14	89		Stair Rover	Krishna Kant	Robotics and Automation		EIE	
15	90		SPHERO-DROID	HARSHIT LOMAS	Robotics & Automation	Paid	CSI	
16	91		Hexapod	Rajshekhar Variketi	ROBOTICS AND AUTOMATION	PAID	Galgolia University	
17	92		PRAGYAN ROVER	PRATEEK VISHWAKARMA	ROBOTICS AND AUTOMATION	PAID	IMS	
18	93		RFID based car parking system	Sonam Yadav	ROBOTICS AND AUTOMATION	PAID	Galgolia University	
19	94		Rover with robotic arm	Ankit Yadav	ROBOTICS AND AUTOMATION	PAID	Galgolia University	
20	95		Voice Controlled car	Uzair Ahmad	ROBOTICS AND AUTOMATION	PAID	Galgolia University	

INNOTECH 19 PROJECT EXIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Cateagory	Fees Status (Paid/Not Paid)	Deptt	Cat No
21	2		solAR app	Akash bajpai	Green Technology and Energy Management	Paid	IT	
22	3		Solar bulb	VIKAS SHARMA	green technology	UNPAID	ME	
23	4		HYBRID VERTICLE WIND TURBINE	ADITYA SHUKLA	GREEN TECHNOLOGY AND ENERGY MANAGEMENT	UNPAID	ME	
24	5		Smart cutting tool	AMARJEET SINGH	GREEN TECHNOLOGY AND ENERGY MANAGEMENT	UNPAID	ME	
25	6		Solar Powered Farmbot	Varika Saxena	Green Technology		ECE	
26	7		Indigenous Air Purifier	Aman Sengar	Green Technology	paid	CE	
27	8		Dusty Lift Purifier	Himank Sharma	Green Technology	unpaid	CE	
28	9		Pollution Reducing & Energy Efficient Façade	Harshit Patel	Green Technology	unpaid	CE	
29	10		High Performance Concrete	Vaishali Narula	Green Technology	unpaid	CE	
30	11		Tiducer (tidal power storage & production system)	LAKSHAY GAUTAM	GREEN TECHNOLOGY	PAID	EN	
31	12	Project 1	SOLCO	AKASH TRIPATHI	GREEN TECHNOLOGY	UNPAID	EN	

INNTECH 19 PROJECT EXIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
32	13	Project 2	Electricity generated by TSP	MANISH DEV VARDHAN	GREEN TECHNOLOGY	UNPAID	EN	
		Project 1	Smart Green Tower	AYUSH AWASTHI	GREEN TECHNOLOGY	UNPAID	EN	
33	14	Project 2	Waste and power management	SATYAM LAKRA	GREEN TECHNOLOGY	PAID	EN	
		Project 1	Wireless Capacitive Charger	Anurag Yadav	Green Technology & Energy Management		EIE	
34	15	Project 2	Pollution Detecting Device	Shubhanshi Baniwal	Green Technology & Energy Management		EIE	
		Project 1	IoT BASED ENERGY MANAGEMENT SYSTEM	Shesh Tiwari	GREEN TECHNOLOGY	PAID	IMS	
35	16	Project 2	Rechargeable Electro bike	Ujjwal Saini	GREEN TECHNOLOGY	PAID	IMS	
		Project 1	Solar operated remote control grass cutter	MOHD UMAR	GREEN TECHNOLOGY & ENERGY MANAGEMENT	PAID	Gaigotia University	
36	17	Project 2	E-Smart Bike	Akarsh Pandey	GREEN TECHNOLOGY & ENERGY MANAGEMENT	PAID	ITS	
		Project 1	POWER GENERATION	AVINASH GROUPS	GREEN TECHNOLOGY & ENERGY MANAGEMENT	PAID	DUX PRIVATE ITI	
37	18	Project 2	SMART CITY	KR. RAVI GROUP	GREEN TECHNOLOGY & ENERGY MANAGEMENT	PAID	DUX PRIVATE ITI	
		Project 1	VR Telepresence Robot for Military	Prashant Chauhan	Embedded System/ IOT		ECE	

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Name of Team	Project Cateogy	Fees Status (Paid/Not Paid)	Deptt	Cat No
41	55		Smart Gloves for mute people	Priyansh Shankhdhar	PARTH DOGRA, PRIYANK, RITVI, NAVEEN KUMAR	Embedded System/ IOT		ECE	
42	56		Health Monitoring System	Charu Chaudhary	ANANYA SINGHAL(1721EC1031) AYSHA BHATIA(1721EC1049) CHARU CHAUDHARY(1721EC1054)	Embedded System/ IOT		ECE	
43	57		IOT based Forest Fire Detection	Mayank Saini	Madhav Goel, Pranay Singhania, Pranay Agarwal, Praiteek Alex Toppo	Embedded System/ IOT		ECE	
44	58		Toungue Driven System	Yasrub Siddique	Abhilash Chand, Yash Chauhan, Prabhat Gautam, Chandan Kumar	Embedded System/ IOT		ECE	
45	59	Project 1	LI FI Communication	Sourmya Bathia	Ravi Kumar Vishwakarma, Muskan Mittal, Saloni Gang	Embedded System/ IOT		ECE	
		Project 2	Rangeless Robo	Ankit Tiwari	AMAN VERMA(1721EC1028) ANKIT KUMAR TIWARI(1721EC1036) ARYA GUPTA(1721EC1043) AAYUSHI GUPTA(1721EC1009) HARLOM SINGH(1721EC1058)	Embedded System/ IOT		ECE	
46	60		Forest fire detection system	AYUSH SRIVASTAVA	AYUSH SRIVASTAVA(1822EN1040) ADITYA SRIVASTAVA(1822EN1014) SHITANSHU RAI(1822EN1133) ABHISHEK GUPTA(1822EN1007) SAMARTH SHUKLA(1822EN1178)	EMBEDDED SOLUTION	UNPAID	EN	
47	61	Project 1	Pir sensor	PRIYANKA YADAV	PRIYANKA YADAV(1721EN1091) VIRENDRA PRATAP SINGH(1721EN1151)	EMBEDDED SOLUTION	UNPAID	EN	
		Project 2	Optical Text Reader	ATULYA KAIRATI	AJEET KUMAR RAI(1822EN1016) ATULYA KAIRATI(1822EN1034) ADARSH KUMAR(1822EN1010)	EMBEDDED SOLUTION	UNPAID	EN	
48	62		Intelligent Vehicle	MO MASOOM	shivam nerwal,shubham,yash,shivam chaudhary	IOT	Not Paid	MCA	
49	63		INO-MET	Amit Kumar	Harshika, Shantanu,Naman, Anupam	IOT	Not Paid	MCA	
50	64		Plant Monitoring System	Priyam Srivastava	AYUSHI GAURAV(1821MCA1035) SHUBHAM PAL(1821MCA1034) AISHWARYA YADAV(1821MCA1036)	IOT	Not Paid	MCA	
					KM ANUPRIYA(1821MCA1037) PRIYAM SRIVASTAVA(1821MCA1113)				
51	65		Smart parking Using OpenCV	Manika Goel	UNNATI VARSHNEY , ADITYA SINGH	IOT	Not Paid	MCA	

INNTECH 19 PROJECT EXIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
52	66		Effluent Water Separator	SAKSHAM YADAV	EMBEDDED SOLUTION	UNPAID	EN	3
53	67	Project 1	Smart Load Distribution System	PRAKHAR GARG	EMBEDDED SOLUTION	UNPAID	EN	
		Project 2	Smart door lock	RAGHAV GUPTA	EMBEDDED SOLUTION	UNPAID	EN	
54	68		GACSD	AYUSH GUPTA	EMBEDDED SOLUTION	UNPAID	EN	
55	69	Project 1	AUTOMATED RAILWAY CROSSING BARRIER	BITISH GUPTA	Embedded Solutions/Internet of Things	Not Paid	CSE	
		Project 2	ID 2.0	Rohan Khurana	Embedded Solutions/Internet of Things	Not Paid	CSE	
56	70	Project 1	Alpha Agriculture Module	AMAN ABBAS	Embedded Solutions/Internet of Things	Not Paid	CSE	
		Project 2	ForestFire Detector	Sanchi Rastogi	Embedded Solutions/Internet of Things	Not Paid	CSE	
57	71	Project 1	Third-Eye	Anmol Beni	Embedded Solutions/Internet of Things	Not Paid	CSE	
		Project 2	traffic congestion management system	ISHA MUDGAL	Embedded Solutions/Internet of Things	Not Paid	CSE	
58	72	Project 1	Drowsiness detection	Saizid ali	Embedded Solutions/Internet of Things	Not Paid	CSE	
		Project 2	PLANT ANOMALY DETECTION ROBOT	Abhishek Dixit	Embedded Solutions/Internet of Things	Not Paid	CSE	

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Cateogy	Fees Status (Paid/Not Paid)	Deptt	Cat No
59	73	Project 1	Amar Jawan	Om Prakash Srivastava	Embedded Solutions/IOT		EIE	
		Project 2	Talking Gloves	Vishwas Garg			EIE	
60	74	Project 1	Health Cycle	Vedansh Kumar Gupta	Embedded Solutions/Internet of Things	Paid	IT	
		Project 2	DL-Pay	Sakshimika Agarwal			IT	
61	75	Project 1	Lie Detector	PALAK KHEWAL	Embedded Solutions/Internet of Things	Paid	CSI	
		Project 2	Laser Based Smart Security System	Anmol Varshney			EN	
62	103	Project 1	E-Shopping	Deepanshu Gupta	Web	Not Paid	MCA	
		Project 2	Yoga App	Prajjal Saxena			MCA	
63	104	Project 1	Kisan Sewak	Parag Pallav Singh	Innovative Web/Mobile Applications	Not Paid	CSE	
		Project 2	LOCK SECURITY	AKSHAY KUMAR			CSE	
64	105	Project 1			Innovative Web/Mobile Applications	Not Paid	CSE	
		Project 2					CSE	

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
65	106	Project 1	Satelife	Devansh Tyagi	Innovative Web/Mobile Applications	Not Paid	CSE	4
		Project 2	Travel safe	Aakanksha Shivani	Innovative Web/Mobile Applications	Not Paid	CSE	
66	107	Project 1	IPAY(SMART BILLING SYSTEM)	SOURBH	Innovative Web/Mobile Applications	Not Paid	CSE	4
		Project 2	Target Trash	Parv Nautiyal	Innovative Web/Mobile Applications	Not Paid	CSE	
67	108	Project 1	ADVANCED WORDBOOK	Prafull Varshney	Innovative Web/Mobile Applications	Paid	CSI	4
		Project 2	Online Labs	aditi varshney	Innovative Web/Mobile Applications	Paid	IT	
68	109	Project 1	SOS Emergency	KARAN SINGH	Innovative Web/Mobile Applications	Unpaid	IT	4
		Project 2	Entertainment Hub	AMIR IQBAL	Innovative Web/Mobile Applications	Unpaid	IT	
69	110	Project 1	WHAT'S NEXT ?	RASHMI SRIVASTAVA	Innovative Web/Mobile Applications	Paid	IT	4
		Project 2	Save the saviour Game	PRIYANSHU RAJ	Innovative Web/Mobile Applications	Unpaid	IT	
70	111	Project 1	House AR	Madhur Jain	Innovative Web/Mobile Applications	Paid	IT	4
		Project 2	Angrybaaz Service Pvt Ltd	Pravin kumar	Innovative Web/Mobile Applications	Paid	IT	
71	112	Project 1	Bus Tracking System	Pahul Kalra	Innovative Web/Mobile Applications	Paid	IT	4
		Project 2	Address Locator	Rahul mishra	Innovative Web/Mobile Applications	Paid	IT	
72	113	Project 1	Super market Billing System	SHASHANK KUMAR SHUKLA	Innovative Web/Mobile Applications	Paid	IT	4
		Project 2	Super market Billing System	SHASHANK KUMAR SHUKLA (1822IT1136) SACHIN(1822IT1128)	Innovative Web/Mobile Applications	Paid	IT	

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
73	42		Emotion Based Music Player	Sunny Chaudhary	Artificial Intelligence		ECE	
74	43		Messenger Dog	Satyam Sangal	AI & ML	Not Paid	MCA	
75	44	Project 1	Lets Play	Approva Srivastava	Blockchain	Not Paid	MCA	
		Project 2	Online Examination	Approv Jain	Blockchain	Not Paid	MCA	
76	45	Project 1	AI Chatbot	Aakash Dixit	AI & ML	Not Paid	MCA	
		Project 2	Brain Tumor Detector	NAINSI VERMA(1821MCA1128)	AI & ML	Not Paid	MCA	
77	46		AMS using Face recognition	Prince Kumar	AI & ML		MCA	5
78	47		Cloud Computing and virtualization	Darvin Gautam	Cloud Computing	Not Paid	CSE	
79	48		Crowd Funding	Kavya Srivastava	Network Security & Block Chain	Not Paid	CSE	
80	49		CROP STORAGE AUTOMATION	PRAGATI KALRA	Artificial Intelligence and Machine Learning	Not Paid	CSE	
81	50	Project 1	Robotic Process Automation	GYANJEE OJHA	Artificial Intelligence and Machine Learning	Not Paid	CSE	
		Project 2	Traffic Management using Deep Learning	ACHIN SHAHI	Artificial Intelligence and Machine Learning	Not Paid	CSE	
82	51		Motion Detection	Rajat Mishra	Artificial Intelligence and Machine Learning	Paid	IT	

INNOTECH 19 PROJECT EXIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
83	52	Gesture Character Recognition	Ronak Jain	RONAK JAIN(1822IT1125) NAVEEN KUMAR TIWARI(1822IT1090) YASH CHATURVEDI(1822EC1174)	Artificial Intelligence and Machine Learning	Paid	IT	
84	53	A CCTV system with SMS alert	VISHAL KUMAR	VISHAL KUMAR(1721EC1165) DAKSHITA MISHRA(1721EC1201)	Artificial Intelligence and Machine Learning	Paid	IT	
85	117	KIET Navik	Pratishtha	PRAKASH TIWARI(1620IT1073) SAKSHAM SAINI(1620IT1087)	Transportation and logistics Solution	Paid	IT	
86	118	Water Presidency	Ashutosh singh	ASHUTOSH SINGH(1721EC1046) AVIRAL SINGH(1721EC1048) ASTITVA NIGAM(1721EC1047) ASHU KUMAR(1721EC1045)	Rural Governance		ECE	
87	115	Automated Water Pump with App Control	Utkarsh Srivastava	SHRISHTI SINGH(1822EC1152) SOUMYA SINGH(1822EC1157) Utkarsh Srivastava(techgium) Mansi Kushwaha(mansi) Ayush Khare(ayush)	Rural Governance Through Automation		EIE	6
88	114	The Intelligent Companion	Yash Agarwal	Ayush Gupta(ash_gpta) Yash Agarwal (yash) Aayushi Verma(aayushi) Depanshu Bansal(Deepanshu)	RETROFITTING AND SMART MATERIALS	PAID	IMS	
89	96	unbreakable through wood pulp: Pykrete	Sudhir	Shreya Sujay, Sudhir Yadav, Vridi Singh, Sumit Umrao	waste management	UNPAID	ME	
90	97	Smart dustbin	AKASH KUMAR SHARMA	AKASH KUMAR SHARMA(1721ME1040)	waste management	UNPAID	ME	
91	98	Sewage Bot	Nishtha Agarwal	JHANVI AGARWAL(1822EC1072) HARSHITA SACHDEVA(1822EC1065) HARSHIT VERMA(1822EC1064) NISHITHA AGARWAL(1822EC1103) Nidhi Malik(nidhi_1822ec1095@kiet.edu)	Waste Management		ECE	7
92	99	Data acquisition and circuit analysis through LabVIEW	Poorva Sivach	Poorva Sivach(PoorvaSivach) Manvi Chaudhary(ChaudharyManvi) Vishal Gupta(Vishal22) Shruti Chandra(Shruti23) Mudit Shekhar(Mudit) Akanksha Chauhan(akankshachauhan1818)	LAB VIEW G CODES	PAID	AKGEC	
93	100	Ultrasonic	Vishal Gupta	SHUBHAM SINGH(S5) shubham tian(shubhams5) shradha panwar(shradhas5) SRASHTI JADAUN(srashu55) SHWETA SINGH(shweta55)	LAB VIEW G CODES	PAID	AKGEC	
94	101	Production of bio plastic from agro industrial waste	SHUBHAM SINGH		WASTE MANAGEMENT	PAID	IMS	

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facia Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
95	21		MEDICA	SAURABH KUMAR	Patient Care/Health Care	Not Paid	CSE	
96	22	Project 1	THUMB CLEAN	SOMYA	INDUSTRIAL APPROCH TO PHARMACY	NOT PAID	KSOP	
		Project 2	FLASH CHROMATOGRAPHY	SHUBHAM	INDUSTRIAL APPROCH TO PHARMACY	NOT PAID	KSOP	
97	23	Project 1	SHUDDH	AMRITA GANTAYAT	INDUSTRIAL APPROCH TO PHARMACY	NOT PAID	KSOP	
		Project 2	VALVET	SHALU CHOUDHARY	INDUSTRIAL APPROCH TO PHARMACY	NOT PAID	KSOP	
98	24	Project 1	PEDIA PRIORITY	DHRUV GAUR	INDUSTRIAL APPROCH TO PHARMACY	NOT PAID	KSOP	
		Project 2	CRYSTALO COLOUR	ABHISHEK	INDUSTRIAL APPROCH TO PHARMACY	NOT PAID	KSOP	
99	25	Project 1	LIP SCRUB	JYOTI SINGH	INDUSTRIAL APPROCH TO PHARMACY	NOT PAID	KSOP	

INNOTECH 19 PROJECT EXHIBITION

S No.	Stall no	Project	Facila Name	Name of Team Captain	Project Category	Fees Status (Paid/Not Paid)	Deptt	Cat No
100	26	Project 2	SWACH	TANYA	VIBHANSHU JAISWAL(1822BPH1096) ANCHAL KUSHWAHA(1822BPH1011) VARTIKA SWARNKAR(1822BPH1094) SHUBHAM SINGH(1822BPH1081) TANYA TANDON(1822BPH1089)	INDUSTRIAL APPROCH TO PHARMACY	KSOP	
		Project 1	Permiation enhancer	Kanik bhagat	KARTIKEY BHAGAT(1721BPH1033) VAISHALI ANAND(1822BPH1092) TUSHAR CHOPRA(1822BPH1091) RAMAKANT TIWARI(1822BPH1064) SAGAR ATRI(1822BPH1070)	PHARMA MACHINERY	KSOP	
101	27	Project 2	Liquid stream separator	VANSHIKA	Amrita malhur Yogita Kaushik Shadab Annavi	PHARMA MACHINERY	KSOP	
		Project 1	AUTOMATIC DOSE DISPENSER	DHRUV	Sanjhi Sharma Himanshi Aditya saini Saurabh tyagi	PHARMA MACHINERY	KSOP	
102	34	Project 2	SAWVEDNA	KARTIK SHARMA	Arpita sahu Deepika singh Pasha Ishiyeq Suchi gaur	PHARMA MACHINERY	KSOP	
		Project 1	WIZARD AT WORK	SHUBHAM PUNDIR	PALAK DUA, PRIYANSHU CHAUDHARY , HIMANSHU KUCHHAL ,SRASHTY CHAUDHARY	SWACH BHARAT ABHIYAN	MBA	
103	35		GOKULDHAM	PALLAK GARG	TWINKLE KHANNA , KAESHIKA TYAGI, NISHANT TYAGI , RISHABH TYAGI	NEW INDIA	MBA	
104	36		THE BUSINESS MARVEL	AKSHAR GUPTA	HARIS RAFI , AJAY PAL	SWACH BHARAT ABHIYAN	MBA	
105	37		WAY TO SIMILARLY DIFFERENT	ARPIT JAIN	ANKIT PANCHAL, MANVI BHARDWAJ , JYOTIKA VERMA	NEW INDIA	MBA	
106	38		WASTE MANAGEMENT	ANYA KALRA	HARSHIT VASHNEY, ARPIT MITTAL, KM. RASHI AGGARWAL, AMAN AGGARWAL	SWACH BHARAT ABHIYAN	MBA	9
107	39		ECO FRIENDLY	PRAFUL GUPTA	VIKRAM SALWAN, RAHUL GOEL , SIDDHANT VISHNOI, PRASHANT DUBEY, RUDRESH TOMAR	SWACH BHARAT ABHIYAN	MBA	
108	40		GREEN PILLAR	AASHVI	MAYANK GOSWAMI , MAHIMA GUPTA	NEW INDIA	MBA	
109	41		INNOPEE	AMAN SHARMA	ANSHUL BHARDWAJ , ANUSHA TYAGI	NEW INDIA	MBA	

INNOTECH-2k19
Result sheet for Project Evaluation
EVENT RESULTS

S. No.	Event Name	Name of Team Captain	Fees Status	College/ University	POSITION	Prize Amount
1	CODING COMPETITION	Srajan Gupta	PAID	KIET	I	3000
2		Vikram Chaurasis	PAID	KIET	II	2000
3		Shipra Srivastava	PAID	KIET	III	1500
1	Maze Solver/ ROBO WAR	Ritvi Sachdeva	PAID	KIET	I	3000
2		Maheep Chauhan	PAID	KIET	II	2000
1	Robo-Race	Mayank Shakya	PAID	KIET	I	3000
2		Deepesh Saxena	PAID	Vidya College of Engineering	II	2000
3		Ankit Kumar Srivastava	PAID	KIET	III	1500
1	Autonomous line follower race	Ankur Omer	PAID	KIET	I	3000
2		Kamini Singh	PAID	Allgarh College of Engg. And Technology	II	2000
3		Harsh Kumar Yadav	PAID	KIET	III	1500
1	CAD COMPETITION - ME	Sumit Kumar	PAID	KIET	I	3000
2		Harshit Rastogi	PAID	KIET	II	2000
3		Harsh Kumar	PAID	KIET	III	1500
1	CAD COMPETITION - CE	Shashwat Dutta	PAID	KIET	I	3000
2		Vaishali Kumari	PAID	KIET	II	1000
3		Gaurav Rajora	PAID	KIET	III	1000
4		Riya Pal	PAID	KIET	III	1500
1	LOGO QUIZ COMPETITION	Shivam Kumar Sahu	PAID	KIET	I	3000
2		Utkarsh Mishra	PAID	KIET	II	2000
3		Vaibhav Ji Srivastava	PAID	KIET	III	1500
1	DRONE RACE	Ashutosh Yadav	PAID	KIET	I	3000
2		Mradul	PAID	KIET	II	2000
Total						49000

INNOTECH-2k19

Result sheet for Project Evaluation PROJECT CATEGORY RESULTS

S. No.	Project Name	Project Category	Name of Team Captain	Fees Status	College/ University	POSITION	Prize Amount
1	CROPS STORAGE AUTOMATION	TRANSPORTATION AND WASTE MANAGEMENT	PRAGATI	PAID	KIET	I	6000
2	Production for Bio plastic from agro industrial waste		SHUBHAM SINGH	PAID	IMS	II	4000
3	Data acquisition and circuit analysis through LabVIEW		Poorva Sivach	PAID	AKGEC	III	3000
1	IOT BASED ENERGY MANAGEMENT SYSTEM	GREEN TECHNOLOGY AND ENERGY MANAGEMENT	Shesh Tiwari	PAID	IMS	I	6000
2	Pollution Detecting Device		Shubhansi Baniwal	PAID	KIET	II	4000
3	soiAR app		Akash bajpai	PAID	KIET	III	3000
1	Laser Based Smart Security System	INNOVATION WEB AND MOBILE APPLICATIONS	Anmol Varshney	PAID	KIET	I	6000
2	ADVANCED WORDBOOK		Prafull Varshney	PAID	KIET	II	4000
3	SOS Emergency		KARAN SINGH	PAID	KIET	III	3000
1	SUPER MARIO GAME	FIRST YEAR PROJECT	DIVYANK GOYAL	PAID	KIET	I	6000
2	GO CLEAN GO GREEN (ICLEAN)		CHINMOY CHAKRABORTY	PAID	KIET	II	4000
3	DIGITAL 'HORIZON' INNOVATIVE WEB/MOBILE APPLICATIONS		TUSHAR GUPTA	PAID	KIET	III	3000
1	Third -EYE	Network Security & Block Chain , AI & ML, Cloud Computing, Data Mining and Data Sciences	ANMOL BEHL	PAID	KIET	I	6000
2	Traffic Management using Deep Learning		Ashwin Saxena	PAID	KIET	II	4000
3	Gesture Character Recognition		Ronak Jain	PAID	KIET	III	3000
1	Forest fire detection system	Embedded Solutions/ Internet of Things	AYUSH SRIVASTAVA	PAID	KIET	I	6000
2	ID 2.0		Rohan Khurana	PAID	KIET	II	4000
3	INO-MET		Amit Kumar	PAID	KIET	III	3000



INNOTECH-2k19
Result sheet for Project Evaluation
PROJECT CATEGORY RESULTS

S. No.	Project Name	Project Category	Name of Team Captain	Fees Status	College/ University	POSITION	Prize Amount
1	Automatic Electric Ramp	ROBOTICS AND AUTOMATION	SHIRSHAK SHUKLA	PAID	KIET	I	6000
2	Hexapod		Rajshekhar Variketi	PAID	Galgotia University	II	4000
3	Rover with robotic arm		Ankit Yadav	PAID	Galgotia University	III	3000
1	Valvet	Pharmacy Machinery, Industrial Approach to Pharmacy	SHALU CHAUDHARY	PAID	KIET	I	6000
2	Samvedna		ARPITA SAHOO	PAID	KIET	II	4000
3	Magnificent 5		KARTIK SHARMA	PAID	KIET	III	3000
1	Wizards at Work	New India from Indian Youth Prospective, Swach Bharat Abhiyan	SHUBHAM PUNDIR	PAID	KIET	I	6000
2	Innopia		AMAN SHARMA	PAID	KIET	II	4000
3	Ecofriendly group		PRAFUL GUPTA	PAID	KIET	III	3000
1	MINI ROBO	School			Parivartan, Ghaziabad	I	5000
2	GARBAGE COLLECTOR				Dayawati Modi Public School, Modinagar	II	3000
3	RECYCLING WASTE				Krishna Vidya Niketan, Muradnagar	III	2000
Total							127000

KIET Group of Institutions, Delhi – NCR, Ghaziabad

(An ISO – 8001: 2008 Certified & ‘A’ Grade accredited Institution by NAAC)

Internship & Industry Partnership Cell (IIPC)



Internship & Industrial Training Policy

(Session: 2020-21)

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Internship & Industrial Training Policy-(2020-21)

Overview

Due to ongoing COVID-19 pandemic and subsequently sever consequences observed during the second wave of it, many organizations have been advised to be shut down until the situation improves. Further, there is need of COVID appropriate behavior and social distance requirement is one of them. In this scenario, many interns may not be able to complete their internships on-site as planned. Thus, the traditional in-person internship and industrial training are no longer a viable option for most of the students. As a result, virtual internships and industrial trainings are becoming popular as a great alternative for the students to gain practical exposure and develop desired employability skills.

Keeping in view this, the online internship and industrial training will provide our students a safe and work-based learning experience depending on the nature of the project. Students can also develop skills – technical, inter-personal or intra-personal – by successfully completing their assigned task. These internships and industrial trainings will also add to the student’s experience by engaging them in online project activities, their management and communications, which are common elements of project and task-performance. This policy may be revised in future as per updated guidelines of AKTU/State Government.

The salient points of internship and industrial training policy (2020-21) for B. Tech. first year, second year and third year are stated in the tabular form as follows:

Internship Policy: B.Tech. First Year (See Annexure-1A for important dates)		
S. No.	Salient Points	Details
1.	Modules of Internship (120 Hrs)	<p>The internship has following three modules and a student has to complete all the modules:</p> <p style="text-align: center;">A. Online Internship (80 Hrs)</p> <p>There are three alternatives for online internship and the student has to choose any one of them:</p> <ul style="list-style-type: none"> a. Mini Project or b. Minor Specialization or c. Any other quality online internship in industry (Approved by HoD) <p>B. Literature Review (Through Nalanda E-Consortium) (10 Hrs)</p> <p>C. Massive Open Online Courses (MOOCs) (30 Hrs) or NCC / NSS training equivalent to 30 Hrs decided by Dean (SW)</p>
1.A.	Online Internship (80 Hrs)	<p>Guidelines of Online Internship:</p> <ul style="list-style-type: none"> a. Topics/Problems of Mini Projects will be issued from department under the guidance of HoD of respective department. b. Switching from one internship to another type of internship is strictly not allowed. c. Each student has to fill Daily-Log mandatorily and the regular monitoring of internship would be done through this daily log. (Annexure-2) d. Review of internship status and guidance will be under the supervision of assigned Faculty In Charges by Departmental Internship Coordinators (DICs) & Faculty Internship Coordinators (FICs). (Annexure-3) e. Primary evaluation of internship will be conducted by respective faculty in charge through Viva Voice of students immediately after the completion of internship. f. Each student has to produce a report of 12-15 pages (soft copy in MS Word Format) approximately, along with

		<p>power point presentation during final evaluation of internship scheduled in 3rd semester by respective department.</p> <p>g. E-Certificate will be provided to only to those students who will complete their internship successfully after approval of Head of Department.</p> <p>h. Producing Fake certificates of online internship in industry will not be considered during evaluation and strict action as per institute discipline policy may be taken.</p>
1.A.a.	Mini Project (80 Hrs.)	<p>a. Total duration of Mini Project will be of 80 hours approximately.</p> <p>b. Topics/Problems of Mini Projects will be issued from department under the guidance of HoD of respective department.</p> <p>c. Any students may choose a Mini Project by own only on the recommendation of Departmental Internship Coordinator (DIC) and approval of Head of Department.</p>
1.A.b.	Minor specialization (80Hrs.)	<p>a. Areas of minor specialization will be multidisciplinary.</p> <p>b. Any student from any branch may choose minor specialization of any discipline. (Annexure-4)</p> <p>c. Students have to follow all guidelines to complete the minor specialization issued by the respective coordinator of minor specialization.</p>
1.A.c.	Online internship in industry (80Hrs.)	<p>a. Online internship opportunities will be provided by IIPC.</p> <p>b. Online internship in industry by own must be through a genuine and reputed industrial platform.</p> <p>c. Online internship by own will be considered only after approval from by IIPC.</p> <p>d. Students must ensure the Departmental Internship Coordinator about the duration of internship in industry i.e. 80 hrs.</p>
1.B.	Literature Review (Through Nalanda E- Consortium of AKTU) (10 Hrs)	<p>a. Minimum 5 & up to 10 Research Papers will be required to be downloaded by students.</p> <p>b. Downloading platform is Nalanda E-Consortium of AKTU.</p> <p>c. A student needs to write literature review report of 5-6 pages from these papers.</p>
1.C.	MOOCs (30 Hrs)	<p>a. To complete and earn certificate from at least one online course is mandatory for all students from links provided below (S. No. 2).</p> <p>b. Total duration of the course must not be less than 30 hrs.</p> <p>c. In case, if a course is less than 30 hrs then more than one courses are to be chosen to complete 30 hrs.</p> <p>d. A course must be chosen after recommendation and approval of Faculty supervisor.</p>

		e. Or Students opt for NCC training / NSS equivalent to 30 Hrs as decided by Dean (SW)
2.	Links for Online Courses (See also Annexure-5 for registration process)	Reference Links for Online Courses . a. https://www.coursera.org/in b. https://www.cisco.com/c/m/en_sg/partners/cisco-networking-academy/index.html c. edX (Link: http://www.edx.org) d. https://neat.aicte-india.org/ e. https://free.aicte-india.org/ f. Harvard University (Link: https://online-learning.harvard.edu/catalog/free) g. Microsoft Academy (Link: https://academy.microsoft.com) h. https://learning.tcsionhub.in/iDH/India/ i. https://www.udemy.com/

**Internship Policy: B.Tech. Second Year
(See Annexure-1B for important dates)**

S. No.	Salient Points	Details
1.	Modules of Internship (120 Hrs)	<p>The internship has following three modules and a student has to complete all the modules:</p> <p>A. Online Internship (80 Hrs)</p> <p>There are five alternatives for online internship and the student has to choose any one of them:</p> <ul style="list-style-type: none"> a. Minor Specialization b. Challenging problems as internship by TBI(CPI-T) c. Challenging problems as internship by Department (CPI-D) d. Research Internship by Office of Dean R&D e. Any other quality internship in industry (approved by HOD) or In-house training by Industry partners. (80Hrs.) <p>B. Literature Review (Through Nalanda E-Consortium) (10 Hrs)</p> <p>C. Massive Open Online Courses (MOOCs) (30 Hrs)</p>
1.A.	Online Internship (80 Hrs)	<p>Guidelines of Online Internship:</p> <ul style="list-style-type: none"> a. Switching from one internship to another type of internship is strictly not allowed. b. Each student has to fill Daily-Log mandatorily and the regular monitoring of internship would be done through this daily log (Annexure-2). c. Review of internship status and guidance will be under the supervision of assigned Faculty In Charges by Departmental Internship Coordinators (DICs) & Faculty Internship Coordinators (FICs). (Annexure-3) d. Primary evaluation of internship will be conducted by respective faculty in charge through Viva Voice of students immediately after the completion of internship. e. Each student has to produce a report (soft copy in MS Word Format), along with power point presentation during final evaluation of internship scheduled in 5th semester by respective department. f. E-Certificate will be provided to only to those students who will complete their internship successfully after approval of Head of Department.

		<p>g. Producing Fake certificates of online internship in industry will not be considered during evaluation and strict action as per institute discipline policy may be taken.</p>
1.A.a.	Minor specialization (80Hrs.)	<p>a. Areas of minor specialization will be multidisciplinary.</p> <p>b. Any student from any branch may choose minor specialization of any discipline. (Annexure-4)</p> <p>c. Students have to follow all guidelines to complete the minor specialization issued by the respective coordinator of minor specialization.</p>
1.A.b.	Challenging problems as internship by TBI (CPI-T) (80Hrs.)	<p>a. Startup companies at TBI-KIET will give Challenging Problems as internship.</p> <p>b. IIPC will coordinate in issuing challenging problems of internship to the students in accordance with startup companies of TBI.</p> <p>c. The students will work on these problems as per the internship policy.</p> <p>d. Students have to fill their daily logs and ensure the timely submission of project reports.</p> <p>e. Regular feedback will be taken from owner of the companies.</p>
1.A.c.	Challenging problems as internship by Department (CPI-D) (80Hrs.)	<p>a. Challenging Problems will be issued from department under the guidance of HoD of respective department.</p> <p>b. Group training from third party (i.e. other reputed technical institutions) will be issued from department under the guidance of HoD of respective department.</p> <p>c. Any students may also choose a Challenging Problem by own only on the recommendation of Departmental Internship Coordinator (DIC) and approval of Head of Department.</p>
1.A.d.	Research Internship by office of Dean R&D (80Hrs.)	<p>a. Research internship will be performed by students under the guidance of research faculty members of institute assigned by office of Dean R & D. (Annexure-6)</p> <p>b. Research internship will be a part of research project of research faculty.</p> <p>c. A regular feedback of students will be given by research faculty supervisors and satisfactory feedback of supervisor will be considered for successful completion of internship.</p>
1.A.e.	Any other quality internship in industry (approved by HOD) (80Hrs.)	<p>a. Any other quality internship opportunities will be provided by IIPC.</p> <p>b. Any other quality internship in industry by own must be through a genuine and reputed industrial platform.</p> <p>c. Any other quality by own will be considered only after approval of Head of Department.</p>

		<p>d. Students must ensure the Departmental Internship Coordinator about the duration of internship in industry i.e. 80 hrs.</p>
	<p>In house training by Industry partners. (80Hrs.)</p>	<p>a. In house training will be by industry partners (e.g. WiproTN, IBM Skill Build etc.).</p> <p>b. Regular assessment will be done by industry partner and Departmental Internship Coordinators (DICs) of KIET jointly. DIC may assign faculty in charges to smaller groups of the students for monitoring.</p>
<p>1.B.</p>	<p>Literature Review (Through Nalanda E-Consortium of AKTU) (10 Hrs)</p>	<p>a. Minimum 5 & up to 10 Research Papers will be required to be downloaded by students.</p> <p>b. Downloading platform is Nalanda E-Consortium of AKTU.</p> <p>c. A student needs to write literature review report of 5-6 pages from these papers.</p>
<p>1.C.</p>	<p>MOOCs (30 Hrs)</p>	<p>a. To complete and earn certificate from at least one online course is mandatory for all students from links provided below (S. No. 2).</p> <p>b. Total duration of the course must not be less than 30 hrs.</p> <p>c. In case, if a course is less than 30 hrs then more than one courses are to be chosen to complete 30 hrs.</p> <p>d. A course must be chosen after recommendation and approval of Faculty supervisor.</p>
<p>2.</p>	<p>Links for Online Courses (See also Annexure-5 for registration process)</p>	<p>Reference Links for Online Courses .</p> <p>a. https://www.coursera.org/in</p> <p>b. https://www.cisco.com/c/m/en_sg/partners/cisco-networking-academy/index.html</p> <p>c. edX (Link: http://www.edx.org)</p> <p>d. https://neat.aicte-india.org/</p> <p>e. https://free.aicte-india.org/</p> <p>f. Harvard University (Link: https://online-learning.harvard.edu/catalog/free)</p> <p>g. Microsoft Academy (Link: https://academy.microsoft.com)</p> <p>h. https://learning.tcsionhub.in/iDH/India/</p> <p>i. https://www.udemy.com/</p>

Industrial Training Policy: B.Tech. Third Year
(See Annexure-1C for important dates)

S. No.	Salient Points	Details
1.	<p>Modules of Industrial Training (250/220 Hrs.) (250 Hrs for all 3rd year students falling in L1 & L2 category as decided by HSS Dept.) (220 Hrs. for others)</p>	<p>The Industrial Training has following three modules and a student has to complete all the modules:</p> <p>A. Online Industrial Training (210/180 Hrs)</p> <p>There are three mandatory parts for online Industrial Training:</p> <ol style="list-style-type: none"> a. Online Industrial Training or In-house training by Industry partners. (80Hrs.) b. ASSET¹ certification program by SDFS²(100 Hrs.) c. ECS³-Versant Training by HSS Dept. (30 Hrs.) as only applicable to L1 & L2 category students. <p>B. Literature Review (Through Nalanda E-Consortium) (10 Hrs)</p> <p>C. Massive Open Online Courses (MOOCs) (30 Hrs)</p> <p>1 ASSET: Aptitude, Soft Skill, English, Technical 2 SDFS: Skill Development & Finishing School 3 ECS: Enhancing Communication Skills</p>
1.A.	<p>Online Industrial Training (210/180 Hrs)</p>	<p>Guidelines of Online Industrial Training:</p> <ol style="list-style-type: none"> a. Switching from one Industrial Training program to another type of Industrial Training program is strictly not allowed. b. Each student has to fill Daily-Log mandatorily and the regular monitoring of Industrial Training would be done through this daily log. (Annexure-2) c. Review of Industrial Training status and guidance will be under the supervision of assigned Faculty In Charges by Departmental Internship Coordinators (DICs) & Faculty Internship Coordinators (FICs). (Annexure-3) d. Primary evaluation of Industrial Training will be conducted by respective faculty in charge through Viva Voice of students immediately after the completion of Industrial Training. e. Each student has to produce a report (soft copy in MS Word Format), along with power point presentation during

		<p>final evaluation of Industrial Training scheduled in 7th semester by respective department.</p> <p>f. E-Certificate will be provided to only to those students who will complete their Industrial Training successfully after approval of Head of Department.</p> <p>g. Producing Fake certificates of online internship in industry will not be considered during evaluation and strict action as per institute discipline policy may be taken.</p>
1.A.a.	Online Industrial Training (80 Hrs) or	<p>a. Online industrial training opportunities will be provided by IIPC.</p> <p>b. Online training in industry by own must be through genuine and reputed industrial platform.</p> <p>c. Online internship by own will be considered only after approval of IIPC.</p> <p>d. Students must ensure the Departmental Internship Coordinator about duration of training in industry i.e. 80 hrs.</p>
	In house training by Industry partners. (80Hrs.)	<p>a. In house training will be by industry partners (e.g. WiproTN, IBM Skill Build etc.)</p> <p>b. Regular assessment will be done by industry partner and Departmental Internship Coordinators (DICs) of KIET jointly. DIC may assign faculty in charges to smaller groups of the students for monitoring.</p>
1.A.b.	ASSET certification Program by SDFS (100 Hrs.)	<p>a. ASSET certification Program will be executed by Skill Development & Finishing School (SDFS) of KIET. (Annexure-7)</p> <p>b. This program is mandatory for all students and is a prerequisite for participating in placement drives as per policy issued by Head CRPC.</p> <p>a. The whole program will be of 100 hours duration in which students will be groomed to enhance their Aptitude, Soft Skills, English and Technical aspects of understanding.</p>
1.A.c.	ECS-Versant Training by HSS Dept. (30 Hrs.)	<p>a. ECS - Versant training by HSS Dept. is mandatory for all 3rd year students falling in L1 & L2 category of score obtained.</p> <p>b. ECS- Versant training program is being conducted during the semester. (Annexure-8)</p> <p>c. The ECS- Versant training program aims to enhance the Employability Quotient of the students by working on their communication skills and boosting their confidence.</p> <p>d. The students will undergo a training of 30 hours.</p> <p>e. During 30 hrs. training, students will be given e-contents which will include - videos, audios, podcasts, e-books, & book reviews etc.</p>
1.B.	Literature Review	<p>a. Minimum 5 & up to 10 Research Papers will be required to be downloaded by students.</p>

	(Through Nalanda E-Consortium of AKTU) (10 Hrs)	<p>b. Downloading platform is Nalanda E-Consortium of AKTU.</p> <p>c. A student needs to write literature review report of 5-6 pages from these papers.</p>
1.C.	MOOCs (30 Hrs)	<p>a. To complete and earn certificate from at least one online courses is mandatory for all students from links provided below (S. No. 2).</p> <p>b. Total duration of the course must not be less than 30 hrs.</p> <p>c. In case, if a course is less than 30 hrs then more than one courses are to be chosen to complete 30 hrs.</p> <p>d. A course must be chosen after recommendation and approval of Faculty supervisor.</p>
2.	Links for Online Courses (See also Annexure-5 for registration process)	<p>Reference Links for Online Courses .</p> <p>a. https://www.coursera.org/in</p> <p>b. https://www.cisco.com/c/m/en_sg/partners/cisco-networking-academy/index.html</p> <p>c. edX (Link: http://www.edx.org)</p> <p>d. https://neat.aicte-india.org/</p> <p>e. https://free.aicte-india.org/</p> <p>f. Harvard University (Link: https://online-learning.harvard.edu/catalog/free)</p> <p>g. Microsoft Academy (Link: https://academy.microsoft.com)</p> <p>h. https://learning.tcsionhub.in/iDH/India/</p> <p>i. https://www.udemy.com/</p>

Important Dates for Internship: B. Tech. First Year

S. No.	Activity	Target Date	Responsibility
1	Collection of internship choices from students	28 May 21	IIPC
2	Circulation of internship choices given by the students to respective departments.	29 May 21	IIPC
1. A. Online Internship (80 Hrs)			
1.A.a. Mini Project			
1	Presentation on Mini Projects to the students	19 May 21	Department
2	Finalization of the topic by department	29 May 21	Department
3	Allocation of Mini Project to the students	31 May 21	Department
4	Project monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
5	Completion of Mini Project	31 Aug 21	Supervisors/ FIC/DIC
6	Preliminary Assessment after completion of internship	06 Sep 21	Supervisor/ FIC/ DIC
1.A.b. Minor Specialization			
1	Presentation on Minor Specialization to the students	22 May 21	Departmental Coordinator
2	Commencement of Minor Specialization slot	01 June 21	Department
3	End of Minor Specialization slot	31 Aug 21	Department
4	Preliminary Assessment after completion of Minor Specialization	06 Sep 21	Departmental Coordinator
5	Preliminary Assessment report submission to other department as applicable	09 Sep 21	Departmental Coordinator
1.A.c. Any other quality internship in industry (approved by HOD)			
1	Last date to take approval from HoD	31 May 21	Student
2	Intimation of internship & uploading approval of HoD using Google form sent by IIPC	06 June 21	Student/IIPC
3	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
4	Last date of completion of internship in industry	31 Aug 21	Student
5	Submission of internship certificate/report & Preliminary Assessment	06 Sep 21	FIC/ DIC
1.B. Literature Review (Through Nalanda E-Consortium of AKTU) (10 Hrs)			
1	Last date of Guidance for downloading research papers from Nalanda E-Consortium of AKTU	1 st week of June 21	Supervisors/ FIC/DIC
2	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
3	Preliminary Assessment of Literature Review report	06 Sep 21	Supervisors/ FIC/DIC
1.C. MOOCs(30 Hrs)			
1	Last date of submission of proof of registration of MOOCs through google form along with approval of Supervisor	05 June 21	Supervisors/ FIC/DIC
2	Submission of MOOC certificate	31 Aug 21	Supervisors/ FIC/DIC
Final Evaluation			
Final evaluation will be done in third semester as per AKTU guidelines			

Important Dates for Internship: B. Tech. Second Year

S. No.	Activity	Target Date	Responsibility
1	Collection of internship choices from students	28 May 21	IIPC
2	Circulation of internship choices given by the students to respective departments.	29 May 21	IIPC
1. A. Online Internship (80 Hrs)			
1.A.a. Minor Specialization			
1	Presentation on Minor Specialization to the students	27 May 21	Departmental Coordinator
2	Commencement of Minor Specialization slot	01 June 21	Department
3	End of Minor Specialization slot	31 Aug 21	Department
4	Preliminary Assessment after completion of Minor Specialization	06 Sep 21	Departmental Coordinator
5	Preliminary Assessment report submission to other department as applicable	09 Sep 21	Departmental Coordinator
1.A.b. Challenging problems as internship by TBI(CPI-T)			
1	Finalization of the problems by TBI	31 May 21	TBI
2	Allocation of Challenging problems/ Projects to the students	31 May 21	TBI
3	Orientation program on CPI-T by TBI-IIPC for the students	01 June 21	TBI/IIPC
4	Project monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
5	Completion of Challenging problems/ Projects	31 Aug 21	Supervisors/ FIC/DIC
6	Preliminary Assessment after completion of Challenging problems/ Projects	06 Sep 21	Supervisor/ FIC/ DIC
1.A.c. Challenging problems as internship by Department (CPI-D)			
1	Finalization of the topic by department	31 May 21	Department
2	Allocation of Challenging problems to the students	31 May 21	Department
3	Orientation program on CPI-D by Department for the students	01 June 21	DIC
4	Project monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
5	Completion of Challenging problems	31 Aug 21	Supervisors/ FIC/DIC
6	Preliminary Assessment after completion of Challenging problems	06 Sep 21	Supervisor/ FIC/ DIC
1.A.d. Research Internship by Office of Dean R&D			
1	Finalization of the Research topics by office of Dean R&D	29 May 21	Office of Dean R&D
2	Allocation of topics to the students	31 May 21	Office of Dean R&D
3	Orientation program on Research Internship by Office of Dean R&D for the students	01 June 21	Office of Dean R&D
4	Progress monitoring by research faculty (RF)/ FICs/ DIC	Daily/ Weekly	RF/ FICs/ DIC
5	Completion of Research Internship	31 Aug 21	RF/ FICs/ DIC
6	Preliminary Assessment after completion of internship	06 Sep 21	RF/ FICs/ DIC
1.A.e. Any other quality internship in industry (approved by HOD)			
1	Last date to take approval from HoD	31 May 21	Student
2	Intimation of internship & uploading approval of HoD using Google form sent by IIPC	06 June 21	Student/IIPC
3	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
4	Last date of completion of internship in industry	31 Aug 21	Student
5	Submission of internship certificate/report & Preliminary Assessment	06 Sep 21	FIC/ DIC
In house training by Industry partners			
1	Last date for finalization of in-house training by industry partners by IIPC	01 May 21	IIPC
2	Intimation of various option of industrial training by IIPC to the students	14 May 21	IIPC

3	Commencement of industrial Training	As per industry partner's Schedule	IIPC
4	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
5	Last date of completion of internship in industry	31 Aug 21	Student
6	Submission of internship certificate/report & Preliminary Assessment	06 Sep 21	FIC/ DIC
1.B. Literature Review (Through Nalanda E-Consortium of AKTU) (10 Hrs)			
1	Last date of Guidance for downloading research papers from Nalanda E-Consortium of AKTU	1 st week of June 21	Supervisors/ FIC/DIC
2	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
3	Preliminary Assessment of Literature Review report	06 Sep 21	Supervisors/ FIC/DIC
1.C. MOOCs (30 Hrs.)			
1	Last date of submission of proof of registration of MOOCs through google form along with approval of Supervisor	05 June 21	Supervisors/ FIC/DIC
2	Submission of MOOC certificate	31 Aug 21	Supervisors/ FIC/DIC
Final Evaluation : Final evaluation will be done in fifth semester as per AKTU guidelines			

Important Dates for Industrial Training: B. Tech. Third Year

S. No.	Activity	Target Date	Responsibility
1	Collection of internship choices from students	28 May 21	IIPC
2	Circulation of internship choices given by the students to respective departments.	29 May 21	IIPC
1. A. Online Industrial Training (210/180 Hrs)			
1.A.a. Online Industrial Training or In-house training by Industry partners. (80Hrs.)			
Online Industrial Training			
1	Last date to take approval from HoD	31 May 21	Student
2	Intimation of internship & uploading approval of HoD using Google form sent by IIPC	06 June 21	Student/IIPC
3	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
4	Last date of completion of internship in industry	31 Aug 21	Student
5	Submission of internship certificate/report & Preliminary Assessment	06 Sep 21	FIC/ DIC
In house training by Industry partners			
1	Last date for finalization of in-house training by industry partners by IIPC	01 May 21	IIPC
2	Intimation of various option of industrial training by IIPC to the students	14 May 21	IIPC
3	Commencement of industrial Training	As per industry partner's Schedule	IIPC
4	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
5	Last date of completion of internship in industry	31 Aug 21	Student
6	Submission of internship certificate/report & Preliminary Assessment	06 Sep 21	FIC/ DIC
1.A.b. ASSET certification program by SDFS (100 Hrs.)			
1	Commencement of ASSET certification program	15 April 21	SDFS
2	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
3	Last date of completion of ASSET certification program	31 Aug 21	Student
4	Preliminary Assessment after completion of internship	06 Sep 21	Supervisor/ FICs/ DIC
1.A.c. ECS-Versant Training by HSS Dept.(30 Hrs.)			
1	Orientation of ECS-Versant Training by HSS Dept.to the students	10 April 21	HSS Dept.
2	Enrolment of students on Moodle by trainers	13 April 21	Trainer- HSS Dept.
3	Conduction of training Classes	Weekly	Trainer- HSS Dept.
4	Last date of completion/assessment of internship in industry	31 Aug 21	Trainer- HSS Dept.
1.B. Literature Review (Through Nalanda E-Consortium of AKTU) (10 Hrs)			
1	Last date of Guidance for downloading research papers from Nalanda E-Consortium of AKTU	1 st week of June 21	Supervisors/ FIC/DIC
2	Progress monitoring by supervisors/ FICs/ DIC	Daily/ Weekly	Supervisors/ FIC/DIC
3	Preliminary Assessment of Literature Review report	06 Sep 21	Supervisors/ FIC/DIC
1.C. MOOCs(30 Hrs.)			
1	Last date of submission of proof of registration of MOOCs through google form along with approval of Supervisor	05 June 21	Supervisors/ FIC/DIC
2	Submission of MOOC certificate	31 Aug 21	Supervisors/ FIC/DIC
Final Evaluation			
Final evaluation will be done in Seventh semester as per AKTU guidelines			

Format of Student's Daily Diary/Daily Log

(The daily log/diary may be maintained through a google form/Github)

Name of Student	
Roll No.	
Name of Course	
Date of Commencement of Internship/ Industrial Training:	
Date of Completion of Internship/ Industrial Training:	

S.No.	Please specify the learning of the day	Date	Supervisor's Sign
1			
2			
3			
4			
-			
-			
-			
-			
25			
26			
27			
28			
29			
30			



List of Contact Persons						
S. No.	Internship Activity	Name	Designation/Coordinator*	Dept.	Email ID	Contact Number
1	General Query,	Mr. Varun Suryavanshy	Addl. Head	IIPC	varu.suryavanshy@kiet.edu	9721297213
2	General Query	Dr. Ajay Singh Verma	Associate Head	IIPC	ajay.verma@kiet.edu	9999215730
3	General Query	Mr. Rahul Tyagi	Office Exec.	IIPC	rahul.tyagi@kiet.edu	9045695902
4	Minor Specialization	Dr. Vipin Kumar	Addl. Head	MCA	vipin.kumar.mca@kiet.edu	9758441695
5	ASSET Program	Ms. Puja Rohatgi	Addl. Head	HSS	puja.rohatgi@kiet.edu	9634575108
6	MOOCs	Dr. Vipin Kumar	Addl. Head	MCA	vipin.kumar.mca@kiet.edu	9758441695
7	CPI-T, In-house training by Industry partners	Mr. Varun Suryavanshy/ Dr. Ajay Singh Verma	Addl. Head/ Assoc. Head	IIPC	varu.suryavanshy@kiet.edu ajay.verma@kiet.edu	9721297213 9999215730
8	R&D Internship	Dr. Dilkeswar Pandey	Coordinator	CSE	Dilkeswar.pandey@kiet.edu	9811410032
9	ECS-Versant	Mr. Sudesh Pathania	Coordinator	HSS	sudesh.pathania	9654355359
10	Mini Project, CPI-D, Nalanda E-Consortium, MOOCs, Daily Log	Prof. Ajeet Singh	DIC	EN	ajeet.singh@kiet.edu	8003643472
11		Dr. Sanjiv Sharma	DIC	CSE/CO	sanjiv.sharma@kiet.edu	9634001591
12		Prof. Ayush Jain	DIC	CE	ayush.jain@kiet.edu	9610586704
13		Prof. Rochak Bajpai	DIC	ECE	rochak.bajpai@kiet.edu	8745877459
14		Prof. Shwetabh Singh	DIC	ME	shwetabh.singh@kiet.edu	9411910220
15		Prof. Surendra Keshari	DIC	IT/CSI	surendra.keshari@kiet.edu	8447765680
16		Dr. Satish Kumar	DIC	EI	satish.kumar@kiet.edu	9871322833
17		Prof. Manish Bhardwaj	FIC 1st Year	CS	manish.bhardwaj@kiet.edu	9457966671
18		Prof. Arti Sharma	FIC 2nd Year	CS	arti.sharma@kiet.edu	7417028407
19		Prof. Zatin Gupta	FIC 3rd Year	CS	zatin.gupta@kiet.edu	9899430033
20		Prof. Rajiv Chaurasiya	FIC 1st Year	IT	rajiv.chourasiya@kiet.edu	9897919243
21		Prof. Dinesh Kumar	FIC 2nd Year	IT	dinesh.kumar@kiet.edu	9811742738
22		Prof. Surbhi Vijn	FIC 3rd Year	IT	surbhi.vijn@kiet.edu	8527456029
23		Dr. Ajay Agarwal	FIC 4th Year	IT	ajay.agarwal@kiet.edu	9917083437
24		Dr Pravesh Singh	FIC 1st Year	EC	pravesh.singh@kiet.edu	9873632623
25		Ms. Pooja Tyagi	FIC 2nd Year	EC	pooja.tyagi@kiet.edu	9999960500
26		Mr. Himanshu Sharma	FIC 3rd Year	EC	himanshu.sharma@kiet.edu	9999618675
27		Prof. Sourav Diwania	FIC 1st Year	EN	sorav.diwania@kiet.edu	9897014427
28		Prof. Rajneesh Kumar Gahlot	FIC 2nd Year	EN	rajneesh.gahlot@kiet.edu	8506007005
29		Prof. Varun Sharma	FIC 3rd Year	EN	varun.sharma@kiet.edu	7500267810
30		Prof. Ameer Faisal	FIC 4th Year	EN	ameer.faisal@kiet.edu	9310879505
31		Dr. Shivani Agarwal	FIC 1st Year(A)	MBA	shivani.agarwal@kiet.edu	9599799622
32		Dr. Deepa	FIC 1st Year(B)	MBA	deepa@kiet.edu	9997661845

33	Aniket Sharma	FIC 1st Year	CIVIL	aniket.sharma@kiet.edu	8860716218
34	Mr. Amninder	FIC 2nd Year	CIVIL	amninder.nayyar@kiet.edu	9041076188
35	Ankush Chaudhary	FIC 3rd Year	CIVIL	ankush.chaudhary@kiet.edu	9911598876
36	Mr Abhishek Yadav	FIC 1st Year	ME	abhishek.yadav@kiet.edu	9716330896
37	Mr Sonendra sharma	FIC 2nd Year	ME	sonendra.sharma@kiet.edu	9910420705
38	Mr Vineet Vashishtha	FIC 3rd Year	ME	vineet.vashishtha@kiet.edu	8285357300
39	Mr Kuldeep Singh	FIC 4th Year	ME	kuldeep.singh.me@kiet.edu	9582900667

***DIC**-Departmental Internship Coordinator

***FIC**-Faculty Internship Coordinator

Minor Specialization Policy

1. Each department should select their own minor specialization area as per their faculty strength and based on industry requirements and student's needs.
2. These minor specialization courses will be offer for interested student of all departments.
3. Each department will offer this minor specialization course in summer break.
4. Evaluation work or Certificate distribution will be performed in 6th semester. Certificate of course in 2nd/4th semester for minor specialization will be issued immediately after completion of each course.
5. During semester, all students will work in excellence centre, department, and innovation clubs as per their selected minor specialization area.
6. Minor specialization course duration will be 6 weeks (180 hrs.) in summer break on same time.
 - ❖ 45 hrs. Training
 - ❖ 45 hrs. Practical
 - ❖ 90 hrs. Project Work
7. MOOC on specialization courses will be offer during semester time
8. HOD's of all departments will appoint a faculty coordinator for successfully conducting this course.
9. Individual department will be fully responsible for successfully running their minor specialization course.
10. Each department will design their own syllabus for their minor specialization and syllabus will be approved by department BOS.
11. Syllabus will be practical oriented and based on industry requirements.
12. Department should train or arrange their faculty member as per their selected minor specialization area.
13. Intra-Departmental expert faculty members group may be formed for teaching selected minor specialization if required.

Minor Specialization offered by Departments

S. No.	Dept.	Minor Specialization Area or Field	Faculty Coordinator
1	MCA	Web and Mobile Application Development	Dr. Vipin Kumar
2	CSE/CS	Data Science & Deep Learning	Dr. Shivani Batra
3	IT/CSIT	Machine Learning	Ms. Surbhi Viz
4	ME	Design and Innovation	Mr. Sachin Rathore Mr. Mohit Gupta
5	EN	AI Integrated Green Energy Solutions and Smart Societies	Dr. Birjesh Singh
6	ECE	Robotics and IOT	Mr. Neelesh Srivastava Mr. Shubham Shukla
7	CE	Application of Remote Sensing & GIS	Dr. Atul Kant Piyooosh
8	KSOP	Drug Regulatory affairs	Dr. Deepti Katiyar



Minor Specialization Course Structure for Students After 1st year

S. No.	Duration	Activity	Activity Duration	Action
1	1st Summer Break	Fundamental of Minor Specialization	6 Week	1. 45 hrs. Training 2. 45 hrs. Practical 3. 90 hrs. Project Work
2	3rd Semester	MOOC 1	During Semester	MOOC should be based of Advance Minor Specialization
3	4th Semester	MOOC 2	During Semester	MOOC should be based of Advance Minor Specialization
4	2nd Summer Break	Advance of Minor Specialization	6 Week	1. 45 hrs. Training 2. 45 hrs. Practical 3. 90 hrs. Project Work
5	5th Semester	MOOC 3	During Semester	MOOC should be based on Minor Specialization Projects
6	6th Semester	Certificate Finalization	During Semester	Evaluation Report & Award of Certificate

Minor Specialization Course Structure for Students After 2nd Year

S. No.	Duration	Activity	Activity Duration	Action
1	4th Semester	MOOC 1	During Semester	MOOC should be based of Minor Specialization
2	Summer Break	Minor Specialization	6 Week	1. 45 hrs. Training 2. 45 hrs. Practical 3. 90 hrs. Project Work
3	5th Semester	MOOC 2	During Semester	MOOC should be based on Minor Specialization Projects
4	6th Semester	Certificate Finalization	During Semester	Evaluation Report & Award of Certificate

Note: The duration of the course may change as per availability of lectures in session 2020-21.

1: Coursera Free Courses Registration Manual

These are the steps to avail this facility:

1. Click on link given below:
<https://www.coursera.org/in>
2. Now, click on **Log In** option as shown in Image 1, if you already have Coursera account with **KIET Mail ID**, if you don't have Coursera account then click on **Sign Up** option as shown in Image 2 that comes after clicking on **Log In** Option and register yourself only with KIET Mail ID:

Image 1:

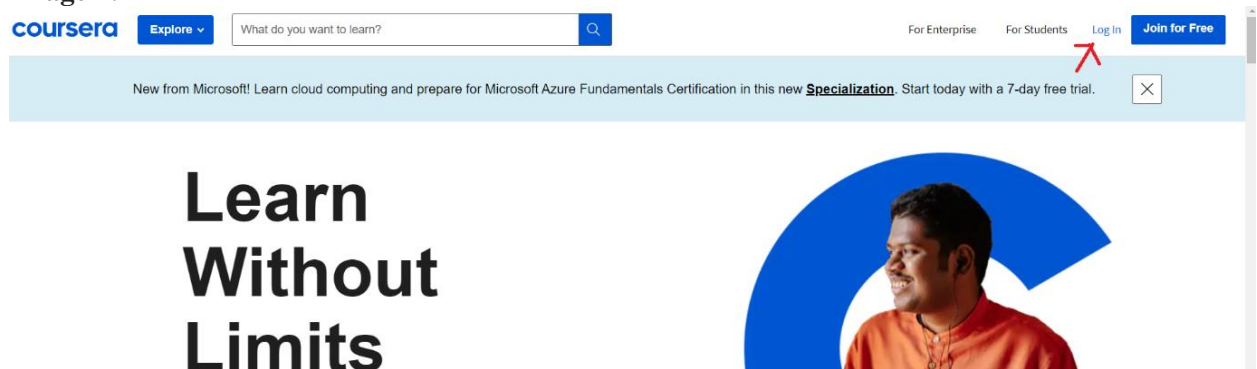
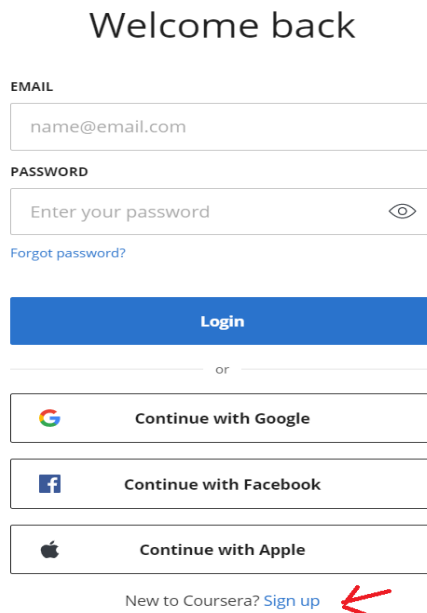


Image:2



3. After log in follow steps for joining and finally you will get “Coursera for Campus Basic Plain” message along with KIET name as display in image that’s mean you successfully joined for **Only One free Course till September 2021**.





Kindly Note:

1. For any query mail me at Vipin.kumar.mca@kiet.edu and call me at: 9758441695

2: Registration Process CISCO Academy Courses

Steps 1: Department will circulate a google form to accumulate the general information about student required for registration process. **The information will be separated course-wise** and will be send to arun.tripathi@kiet.edu in Excel file. For registration at CISCO Portal, the required templet is as follows:

Name of Course:

Student Information:

S. No.	First_Name	Last_Name	KIET Mail-ID	Mobile Number
1.	Arun Kumar	Tripathi	arun.tripathi@kiet.edu	9873XXXXXX
2.	Arun	.	arun.tripathi@kiet.edu	9873XXXXXX

Note:

- A.** If a student has First name and Middle name, then it should be combined with First_Name. In case of absence of Last_Name use “. (i.e.DOT)” as specified in example (**Don’t leave it Blank**). **Kindly refer the templet.**
- B.** The departments may add extra fields such as year, semester, and section as per their requirements, but CISCO registration requires only listed fields.

Step 2: The Instructor will create a course and upload the information for every student at CISCO Portal.

Step 3: Every student will receive a mail from CISCO. He and She will register themselves through the link provided in E-mail and create password to access CISCO Portal.

Step 4: Once the registration process over, the students will be able to access the course material for study at CISCO Portal.

Step 5: The instructor will schedule the examination for the course. The student must attend the exam during the allotted duration. Every student must clear the exam with at least 70% for each chapter.

Step 6: At the last all students must submit course feedback after completing the exams of all chapters.

Step 7: The certificates will be available at student’s login, after approval from instructor.

List of courses:

- 1. Introduction to IoT
- 2. IoT Fundamentals: Big Data & Analytics
- 3. Introduction to Cyber Security
- 4. Cybersecurity Essentials
- 5. CCNA Cybersecurity Operations
- 6. CCNA R&S: Scaling Networks
- 7. CCNA R&S: Connecting Networks
- 8. Advanced Programming in C
- 9. CPA - Programming Essentials in C++
- 10. IoT Fundamentals: Hackathon Playbook
- 11. IoT Fundamentals: Connecting Things
- 12. CCNAv7: Introduction to Networks
- 13. CCNAv7: Bridging

14. CCNAv7: Switching, Routing, and Wireless Essentials
15. CCNAv7: Enterprise Networking, Security, and Automation
16. Introduction to Packet Tracer
17. NDG Linux Essentials
18. NDG Linux Unhatched
19. NDG Linux I
20. NDG Linux II
21. Networking Essentials
22. IoT Fundamentals: IoT Security
23. Programming Essentials in Python
24. Community: Empowerment Technologies

3: Instructions for EDX Free Courses Activation:

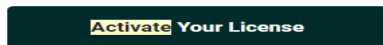
1. Open Chrome
2. Press Ctrl+Shift+N or open incognito mode in Chrome Browser
3. Open edx.org in incognito mode
4. Click on Register Button in edx.org website



5. Fill all information as given in image below and **create account with KIET mail id only.**

6. After creating account with KIET mail id on EDX, click on activation link provided to you on your mail.

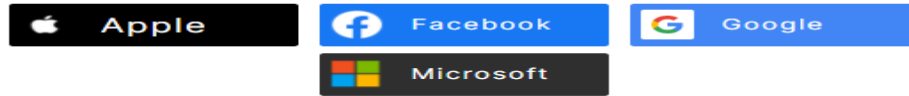
KIET Group of Institutions has partnered with edX to give you an unlimited subscription to learn on edX! Take the best courses in the most in-demand subject areas and upskill for a new career opportunity. Earn a professional certificate, start a program or just learn for fun.



7. Now after successfully registration, you will have free courses on EDX.
8. If this types of error shown: **It looks like yourmaili@kiet.edu belongs to an existing account. Try again with a different email address.**
Then go to step 9.
9. Now click on sign in link as shown in image below:

Already have an edX account? [Sign in.](#)

Create an account using



or create a new one here

10. Now click on Need help signing in? link as shown in image below, and click on **forgot my password link.**

First time here? [Create an Account.](#)

Sign In

Email

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11. Enter your email id and click on recover my password and open you KIET Gmail account and change your password.

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Email

The email address you used to register with edX

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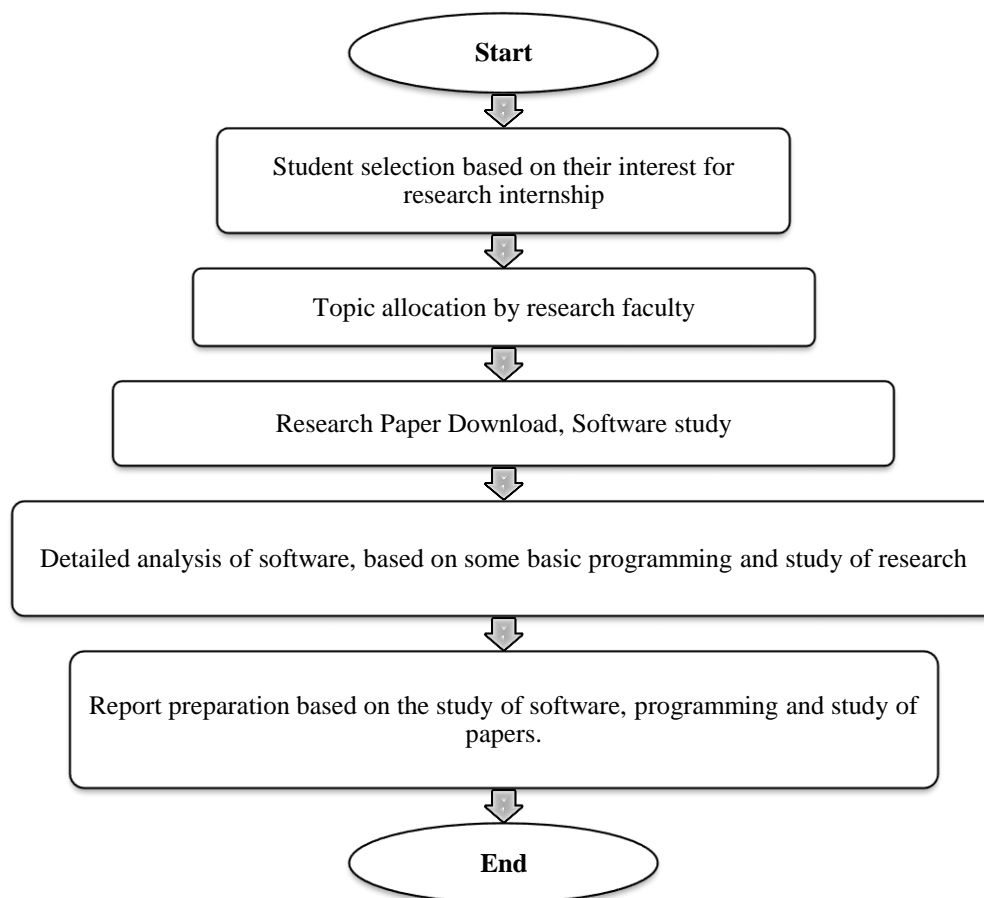


Proposed Plan for Research Internship

1. Commencement of Internship during 1st June 2021 – 31st August 2021
2. Duration of Internship: 80 hrs. (these hours are supposed to interaction hour, so that students can have enough time for self-exploration about the topic)
3. Area of the Internship: Active research area of the faculty (List of research faculty along with their area of specialization is attached for reference).
4. Type of Research work that can be undertaken by the student-
 - a) Literature review by downloading 5-10 review/research papers, about the research area with the help of MyLoft app/ Nalanda E-consortium.
 - b) Review paper preparation in the field of internship for subsequent publication in Journal and Conferences.
 - c) Exposure to the related software generally used in the internship related field e.g. MATLAB, CATIA, NETSIM,...
 - d) Thorough understanding and analysis of internship problem.
5. Faculty members are supposed to track of the work done by students on the daily basis with the help of online daily log filing.

Note: Faculty members are supposed to prepare/ mentor students to write research paper, grants and patents.

A Tentative Schematic Flow for research internship is as follows-



List of Research faculty with their area of specialization:

(Only one vacancy is available with each research faculty)

Sl. No.	Name	Designation	Area of Research	Dept.
1	Dr. Ajay Agarwal	Professor (Research)	Wireless network, Soft computing	IT
2	Dr. Sheetal Mital	Professor (Research)	Applied Chemistry	AS
3	Dr. Ranchey Bhateja	Professor (Research)	Accounting/Finance & General Management	MBA
4	Dr. Vibhav Kr. Sachan	Professor (Research)	Wireless communication	ECE
5	Dr. Arunesh Chandra	Professor (Research)	Production	ME
6	Dr. Dilkeshwar Pandey	Professor (Research)	Object Oriented Programming	CSE
7	Dr. Sanjeev Singh	Professor (Research)	Geotechnical & Environmental	CE
8	Dr. Ashu Mittal	Professor (Research)	Colon targeted oral drug delivery system	KSOP
9	Dr. Chirag Arora	Assoc. Prof. (Research)	Microwave and Antenna	EIE
10	Dr. Akash Rajak	Assoc. Prof. (Research)	Data Analytics, Artificial Intelligence	MCA
11	Dr. Nitin Girdharwal	Assoc. Prof. (Research)	Training & Development	MBA
12	Dr. Vikas Goel	Assoc. Prof. (Research)	Mobile Computing, Wireless Data and Sentimental Analysis.	IT
13	Mr. Sartaj Ahmad	Assoc. Prof. (Research)	Data Mining, Web Mining	IT
14	Dr. Nitin Kumar Saxena	Assoc. Prof. (Research)	Power System	EN
15	Dr. Brijesh Singh	Assoc. Prof. (Research)	Power System & Renewable Energy	EN
16	Dr. Anurag Gupta	Assoc. Prof. (Research)	Production	ME
17	Dr. Vaishali M. Patil	Assoc. Prof. (Research)	Medicinal Chemistry, Computational Chemistry	KSOP
18	Dr. Shivani Batra	Assoc. Prof. (Research)	Object Oriented Programming	CSE

19	Mr. Raghvendra Kumar Dwivedi	Asst. Prof. (Research)	Data Science & Analytics, Artificial Intelligence, Object Oriented Programming	IT
20	Mr. Amit Kumar Arora	Asst. Prof. (Research)	Accounting/Finance & General Management	MBA
21	Dr. Meenakshi Tyagi	Asst. Prof. (Research)	Operation Management & General Management	MBA
22	Dr. Shivani Agarwal	Asst. Prof. (Research)	Human Resource	MBA
23	Dr. Parvin K Kaushik	Asst. Prof. (Research)	Wireless & Optical communication	ECE
24	Dr. Himanshu Sharma	Asst. Prof. (Research)	Energy Harvesting and Internet of things	ECE
25	Dr. Abhishek Sharma	Asst. Prof. (Research)	Signal Processing, Wireless Communication, Digital Communication	ECE
26	Dr. Saif Ahmad Khan	Asst. Prof. (Research)	Engineering Geology	CE
27	Dr. Kunal Bist	Asst. Prof. (Research)	Structural Engineering	CE
28	Dr. Natwar S Rathore	Asst. Prof. (Research)	Control System	EN
29	Dr. Gaurav Sharma	Asst. Prof. (Research)	Manufacturing (Welding)	ME
30	Dr. Vivek Bhardwaj	Asst. Prof. (Research)	Tribology, Mechanical Design	ME
31	Dr. Parul Grover	Asst. Prof. (Research)	Medicinal & Analytical Chemistry	KSOP
32	Dr. Abhishek Kumar	Asst. Prof. (Research)	Preclinical Experimental Pharmacology	KSOP
33	Ms. Vidushi	Asst. Prof. (Research)	Image Recognition	MCA
34	Dr. Varun Gupta	Asst. Prof. (Research)	Biomedical Digital Signal Processing and Control	EIE
35	Dr. Aditya Bhardwaj	Asst. Prof. (Research)	Software engineering	CSE
36	Dr. Parita Jain	Asst. Prof. (Research)	Software Engineering	CSE
37	Mr. Manish Bhardwaj	Asst. Prof. (Research)	Advance Network, Wireless Sensor Network	CSE
38	Dr. Dharendra K Sharma	Asst. Prof. (Research)	Material Science	AS
39	Dr. Deepti Seth	Asst. Prof. (Research)	Bio- Mathematics	AS
40	Dr. Sweta Shukla	Asst. Prof. (Research)	Organic Chemistry	AS

ASSET CERTIFICATION

Introduction:

The objective of the ASSET certification is to groom students as per company standards and to help them become employable in the placement drives to achieve better professional opportunities.

Asset Training Certification will include the following training module:

- **Aptitude** - Quantitative, Logical Reasoning & Verbal Ability
- **Soft Skills** – Communication, Mock Interviews
- **Technical** – Coding, IT Fundamentals & Core Engineering

S. No.	Particular	Duration	Training Details	Marks	
1	Aptitude (QA+VA+LR)	VI Sem (35 Hours)	Internal training	50	
			CT1(10 marks)		
			PUE (10 marks)		
		At the end of VI Sem exam (60 hours)	External training – assessment (30 marks)		
2	Soft skills	Versant Test @ the beginning of V Sem	Versant L3 & L4 -students will score 10/10	10	
			Internal test after 38(20+18) hours training		Versant L1 & L2 - 20 hours; Additional training (communication); Internal test -that will be scored out of 10
		Three days (18 hours)	L3 & L4 - Final polishing w.r.t employability		10
			L1 & L2 - Communication Classes		
		Will run parallelly with Technical Refresher	CV - 5 marks		
			Mock Interview - 5marks		
3	Technical	Technical Refresher after the three-day soft skills training	Hackathon after PUE- 15	30	
			Technical test after technical refresher classes-15		

Note: Sectional cut-off 60% & Overall - 60% to attain ASSET Certification

Aptitude:

- 50 hours of aptitude (VA, QA, LR) training will be provided to students throughout sixth semester. They will be evaluated through CT1 and PUE. This will be the responsibility of HSS department along with ITS & exam cell.
- 60 hours (10 days) of external party training (VA, QA, LR) will be given to students immediately after the University exams are over. A test will be conducted immediately after the external training. This will be the responsibility of Finishing School.

Soft Skills:

- Soft skills classes will be conducted for 10 hours during sixth semester; regular assessment will be conducted by HSS department.
- Sixth semester students will undergo Versant/ Third party communication diagnostic test on basis of which; higher proficiency (L3, L4) students will be awarded 10 marks and lower proficiency (L1 & L2) students will undergo 20 hours of additional training during sixth semester.
- L1 & L2 students will undergo another round of communication training of three days (18 hours) under Finishing School. For this training, internal assessment will be designed by HSS department. Students need to score 60% and above to clear this test.
- CVs & mock interviews will be assessed after the three-day training of soft skills along with Technical Refresher.

Technical Skills:

- After PUE (as per academic calendar); assessment will take place through Hackathon which will be responsibility of CCIP.
- Technical refresher will take place after the three-day soft skills training and evaluation will happen at department level.

Note:

- CVs & mock interviews are the responsibility of both technical & HSS department.
- Any student who is able to crack either Infy-TQ/TCS-NQT/Equivalent will be considered as equivalent to ASSET certificate.

ECS-Versant Training

VERSANT Diagnostic test ascertains the level of proficiency of the students in six areas of English Communication – listening, speaking, writing, reading and vocabulary – and is mapped to both the recognised scales of English Proficiency – The Global Scale of English, that provides numerical scores to the students’ performance; and , the common European Framework of Reference for Languages, that provides band scores to the students’ performance.

The objective of the ECS program is to enhance the Employability Quotient of the students by working on their communication and confidence. This is to ensure that they can express themselves well in the business language.

The ECS classes for L1 & L2 have been integrated in the timetable at departmental level. These classes are held in the 7 & 8 lecture from Monday through Saturday.

The time break-up of sessions is given below:

- **Modules (LSRW)**
- **Time**
- **Methodology**

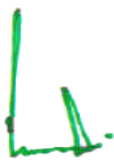
- Listening, Reading, Writing & Vocabulary building
- 30 minutes each session
- Exercises on Moodle

- Speaking
- 70 minutes each session
- Classroom activities (online/offline)

Note: Two sessions per week per batch (25 batches in total)

Duration:

The L1 & L2 students will receive a training of **33 hours (approx.)** throughout the sixth semester along with an 18-hour training as part of the Finishing School plan (6 hours for three days).



Director



Dean Academics





Sangeeta Arora <sangeeta.arora@kiet.edu>

Nptel Local Chapter : Reminder : Enrollment deadline extended for Jul-Dec Semester courses

DEAN OFFICE <dean_ac_office@kiet.edu>
To: faculty@kiet.edu, students_kiet@kiet.edu

Tue, Sep 22, 2020 at 10:43 AM

----- Forwarded message -----

From: **NPTEL KIET** <spoc.aktu029@gmail.com>
Date: Tue, Sep 22, 2020 at 10:36 AM
Subject: Fwd: Nptel Local Chapter : Reminder : Enrollment deadline extended for Jul-Dec Semester courses
To: <dean_ac_office@kiet.edu>



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Delhi-NCR, Meerut Road
Ghaziabad



YADUVIR SINGH

SPOC SWAYAM-NPTEL

Associate Professor

Department of Electrical & Electronics Engineering

Mob.: +91 9899319491, +91 9873394917



----- Forwarded message -----

From: **NPTEL Local Chapter** <localchapter@nptel.iitm.ac.in>
Date: Tue, Sep 22, 2020 at 9:29 AM
Subject: Nptel Local Chapter : Reminder : Enrollment deadline extended for Jul-Dec Semester courses
To: NOC SPOC <NOC-SPOC@nptel.iitm.ac.in>

Dear SPOC,

Enrollment for NPTEL courses open until Sep 25

Last date to Enroll : Sep 25,2020

New timelines are available [here](#)

Please inform students and faculty members of your institution .

To Enroll (join):

Please visit this link to join the courses that you/students are interested in.

<https://swayam.gov.in/NPTEL>

Mentor addition:

Any faculty member of a college can be the mentor for a maximum of 2 courses - one mentor for every 50 to 60 students.

It is mandatory that the mentor be enrolled to the course which he is mentoring. Please inform faculty members to enroll now .

Mentor addition help document: http://bit.do/Mentor_addition_help_doc

You may also refer to the FAQs and the HELP videos for further guidance.

FAQ: https://nptel.ac.in/noc/noc_faq.html

Help Videos: https://nptel.ac.in/help_video.html

In case of any further assistance required, please do revert.

Warm Regards,

Dhanya Anup
Local Chapter team
NPTEL

IC & SR, 3rd floor, IIT Madras
<https://nptel.ac.in/LocalChapter/>

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To view this discussion on the web visit https://groups.google.com/a/nptel.iitm.ac.in/d/msgid/NOC-SPOC/CAJ3EAb64gANv%3DQz95vTDDTKiXwyzO01%3Dt_2Dp7H%2BDk728LKHDg%40mail.gmail.com.

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Attachments area



Enrollment .jpg
94K



Sangeeta Arora <sangeeta.arora@kiet.edu>

Nptel Local Chapter : NPTEL: Mar 29, Apr 25&26, 2020 exams postponed

DEAN OFFICE <dean_ac_office@kiet.edu>

To: faculty@kiet.edu, students_kiet@kiet.edu

Cc: DIRECTOR OFFICE <directoroffice@kiet.edu>, DEAN AC <dean_ac@kiet.edu>, jointdirector@kiet.edu

Tue, Apr 7, 2020 at 11:31 AM

Kindly go through the trailing mail

Thanks

----- Forwarded message -----

From: NPTEL KIET <spoc.aktu029@gmail.com>

Date: Tue, Apr 7, 2020 at 11:25 AM

Subject: Fwd: Nptel Local Chapter : NPTEL: Mar 29, Apr 25&26, 2020 exams postponed

To: <dean_ac_office@kiet.edu>



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Delhi-NCR, Meerut Road

Ghaziabad



YADUVIR SINGH

SPOC SWAYAM-NPTEL

Associate Professor

Department of Electrical & Electronics Engineering

Mob.: +91 9899319491, +91 9873394917



----- Forwarded message -----

From: Kamala Ramakrishnan <kamala@nptel.iitm.ac.in>

Date: Tue, Apr 7, 2020 at 11:07 AM

Subject: Nptel Local Chapter : NPTEL: Mar 29, Apr 25&26, 2020 exams postponed

To: <NOC-SPOC@nptel.iitm.ac.in>

Dear SPOCs,

In view of the current situation all across the country, we are **postponing the NPTEL exams** that were scheduled to have happened on **March 29, April 25 and 26**. Please inform this to students and faculty from your college.

We will be posting the below announcement in all the courses from our end shortly.

Dear Learners,

Hope you are staying safe and keeping well.

We are entering the last week of learning in all NPTEL online courses of the Jan 2020 Semester, next week.

Many of you have been wondering about the status of exams and writing to us or posting on the forums.

In view of the current situation all across the country, we are **postponing the NPTEL exams** that were scheduled to have happened on March 29, April 25 and 26.

We are still unsure about the dates for conducting the same as it depends on how things change.

We will keep you informed through email and sms as we finalise the options.

Once the dates are finalised, we will also allow you:

1. to cancel your exams if the future dates announced by us do not suit you
2. to change cities selected, if required.

Please check the course Announcement section, your email (spam/junk folders also) and ask your friends/college for updates so that you don't miss it.

Please write to support@nptel.iitm.ac.in for any clarifications/concerns.

Thank you.

Warm Regards,
Kamala

Chief Manager, NPTEL

IC & SR, 3rd floor, IIT Madras

Chennai - 600036, PH : (044) 2257 5905/08

nptel.ac.in

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Nptel Local Chapter : Enrolment open for Jan - Apr 2020 semester - Disciplines

DEAN OFFICE <dean_ac_office@kiet.edu>
To: students_kiet@kiet.edu, faculty@kiet.edu



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YADUVIR SINGH

SPOC SWAYAM-NPTEL

Associate Professor

Department of Electrical & Electronics Engineering

Mob.: +91 9899319491, +91 9873394917



----- Forwarded message -----

From: NPTEL Local Chapter <localchapter@nptel.iitm.ac.in>

Date: Sun, Feb 9, 2020 at 12:09 PM

Subject: Nptel Local Chapter : Enrolment open for Jan - Apr 2020 semester - Disciplines

To: NOC SPOC <NOC-SPOC@nptel.iitm.ac.in>

Dear SPOCs,

HURRY UP!

Enroll NOW !! Last 15 days for enrollment !!!

We are hereby sending the Discipline-wise course list for your easy reference.
Requesting you to forward this mail to the concerned department faculty and students.

Please find the following discipline courses listed below.

1. Computer Science and Engineering
2. Electrical and Electronics Engineering
3. Humanities and Social Sciences
4. Mechanical Engineering

Link to download:

<https://drive.google.com/file/d/16R-MIUKzvJ8toEDjqzVJvslh6gYMqxc7/view?usp=sharing>

Full course list :

https://docs.google.com/spreadsheets/d/e/2PACX-1vRxPii6gDWTaYf77URbT-sbwVa47dUg58dkqX9fYejX9DnSqbmRMLCwH-MTb_qqMfRbJ9vr5vqW_7/pubhtml?urp=gmail_link

S. No.	Course id	Discipline	Course Name	SME Name	Institute	Duration	Type	Course Start Date	Course End Date	Exam date	FDP	
1	noc20-cs16	Computer Science and Engineering	Real Time Operating System	Prof. Rajib Mall	IIT KGP	4 Weeks	Rerun	24-Feb-20	20-Mar-20	25-Apr-20	Yes	http
2	noc20-cs49	Computer Science and Engineering	Machine Learning, ML	Prof. Carl Gustaf Jansson	KTH, The Royal Institute of Technology	8 Weeks	Rerun	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
3	noc20-cs12	Computer Science and Engineering	Data Mining	Prof. Pabitra Mitra	IIT KGP	8 Weeks	Rerun	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
4	noc20-cs20	Computer Science and Engineering	Cloud computing	Prof. Soumya Kanti Ghosh	IIT KGP	8 Weeks	Rerun	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
5	noc20-cs31	Computer Science and Engineering	Privacy and Security in Online Social Media	Prof. Ponnurangam Kumaraguru	IIITD	8 Weeks	Rerun	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
6	noc20-cs43	Computer Science and Engineering	Multi-Core Computer Architecture - Storage and Interconnects	Prof. John Jose	IITG	8 Weeks	Rerun	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
7	noc20-cs01	Computer Science and Engineering	Introduction to Blockchain Technology and Applications	Prof. Sandeep Shukla	IITK	8 Weeks	New	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
8	noc20-cs54	Computer Science and Engineering	Design and pedagogy of the introductory programming course	Prof. Abhiram G. Ranade	IITB	4 Weeks	Rerun	24-Feb-20	20-Mar-20	26-Apr-20	Yes	http
9	noc20-cs55	Computer Science and Engineering	Google Cloud Computing Foundation Course	Prof. Soumya Kanti Ghosh	IIT KGP	8 weeks	New	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
10	noc20-ee36	Electrical and	Evolution of Air	Prof. Suvra Sekhar	IIT KGP	8 Weeks	Rerun	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http

		Electronics Engineering	Interface towards 5G	Das								
11	noc20-ee44	Electrical and Electronics Engineering	VLSI Signal Processing	Prof. Mrityunjoy Chakraborty	IIT KGP	8 Weeks	New	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
12	noc20-ee40	Electrical and Electronics Engineering	Medical Image Analysis	Prof. Debdoot Sheet	IIT KGP	4 Weeks	Rerun	24-Feb-20	20-Mar-20	25-Apr-20	Yes	http
13	noc20-ee18	Electrical and Electronics Engineering	Electric Vehicles - Part 1	Prof. Amit Jain	IITD	4 Weeks	Rerun	24-Feb-20	20-Mar-20	26-Apr-20	Yes	http
14	noc20-hs34	Humanities and Social Sciences	Introduction to Modern Indian Drama	Prof. Kiran Keshavamurthy	IITG	8 Weeks	Rerun	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
15	noc20-hs08	Humanities and Social Sciences	Understanding Design Thinking & People Centred Design	Prof. Jhumkee Iyengar	IITK	4 Weeks	Rerun	24-Feb-20	20-Mar-20	25-Apr-20	Yes	http
16	noc20-hs09	Humanities and Social Sciences	Introduction to Indian Art - An appreciation	Prof. Soumik Nandi Majumdar	Visva Bharati University, Santiniketan	4 Weeks	Rerun	24-Feb-20	20-Mar-20	25-Apr-20	Yes	http
17	noc20-hs10	Humanities and Social Sciences	Enhancing Soft Skills and Personality	Prof. T. Ravichandran	IITK	8 Weeks	Rerun	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
18	noc20-hs17	Humanities and Social Sciences	Strategic Performance Management	Prof. KBL Srivastava	IIT KGP	8 Weeks	Rerun	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
19	noc20-hs12	Humanities and Social Sciences	Introduction to Basic Spoken Sanskrit	Prof. Anuradha Choudry	IIT KGP	4 Weeks	Rerun	24-Feb-20	20-Mar-20	26-Apr-20	Yes	http
20	noc20-hs33	Humanities and Social Science	Introduction to Brain & Behaviour	Prof. Ark Verma	IITK	8 Weeks	New	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
21	noc20-me33	Mechanical Engineering	Steam and Gas Power Systems	Prof. Ravi Kumar	IITR	8 Weeks	Rerun	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
22	noc20-me31	Mechanical Engineering	Convective Heat Transfer	Prof. Arup Kumar Das	IITR	4 Weeks	Rerun	24-Feb-20	20-Mar-20	26-Apr-20	Yes	http
23	noc20-me16	Mechanical Engineering	Metal Cutting And Machine Tools	Prof. Asimava Roy Choudhury	IIT KGP	4 Weeks	Rerun	24-Feb-20	20-Mar-20	25-Apr-20	Yes	http
24	noc20-me18	Mechanical Engineering	Gear And Gear Unit Design : Theory And Practice	Prof. Rathindranath Maiti	IIT KGP	8 Weeks	Rerun	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http
25	noc20-me27	Mechanical Engineering	Inspection and Quality Control in Manufacturing	Prof. Kaushik Pal	IITR	4 Weeks	Rerun	24-Feb-20	20-Mar-20	25-Apr-20	Yes	http
26	noc20-me26	Mechanical Engineering	Failure analysis and Prevention	Prof. D. K. Dwivedi	IITR	8 Weeks	Rerun	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
27	noc20-me13	Mechanical Engineering	Nature and Properties of Materials	Prof. Bisakh Bhattacharya	IITK	8 Weeks	Rerun	24-Feb-20	17-Apr-20	26-Apr-20	Yes	http
28	noc20-me05	Mechanical Engineering	Introduction to Soft Matter	Prof. Alope Kumar	IISc	8 Weeks	New	24-Feb-20	17-Apr-20	25-Apr-20	Yes	http

Warm Regards,



Lavanya S

Local Chapter team

NPTEL

IC & SR, 3rd floor, IIT Madras

Phone: 91-44-2257 5905 / 5908

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NPTEL - Jan to June 2020 - Timelines and Guidelines for all candidates

DEAN OFFICE <dean_ac_office@kiet.edu>
 To: students_kiet@kiet.edu, faculty@kiet.edu

Tue, Feb 11, 2020 at 9:36 AM

Jan to June 2020 - Timelines and Guidelines for all candidates

ALL TIMELINES ARE UPDATED HERE THROUGHOUT THE SEMESTER.

Request candidates to periodically visit this page and read these timelines/guidelines carefully.

https://swayam.gov.in/nc_details/NPTEL

COURSE/EXAM TIMELINES - The start/end dates are shown in the tables here.

A	B	C	D	E	F	G	H	I	J	K	L
Course Duration	Enrollment begins (2019)	Enrollment ends (2020)	Start of course (2020)	End of course (2020)	Exam Date (2020)	Exam registration - form open (2019)	Last date for filling exam registration form and pay exam fees- Exam fee - 1000 per exam	Extended last date for filling exam registration form Fee amount is 1500 per exam (For details, scroll down)	Extended last date to pay exam fees Fee amount is 1500 per exam (For details, scroll down)	Last Date for data changes**	Last date for Exam Cancellation
4 weeks - set 1	Nov, 18 2019	Feb 3, 2020 - 5pm	Jan 27, 2020	Feb 21, 2020	Mar 29, 2020	Dec 16, 2019	Feb 17, 10 am (Mon)	Feb 21, 10am (Fri)	Feb 21, 5PM (Fri)	Feb 21, 5PM (Fri)	Feb 21, 5PM (Fri)
8 weeks - set 1	Nov, 18 2019	Feb 3, 2020 - 5pm	Jan 27, 2020	Mar 20, 2020	Mar 29, 2020	Dec 16, 2019	Feb 17, 10 am (Mon)	Feb 21, 10am (Fri)	Feb 21, 5PM (Fri)	Feb 21, 5PM (Fri)	Feb 21, 5PM (Fri)
12 weeks	Nov, 18 2019	Feb 3, 2020 - 5pm	Jan 27, 2020	Apr 17, 2020	Apr 25/26, 2020	Dec 16, 2019	Mar 16, 10 am (Mon)	Mar 20, 10am (Fri)	Mar 20, 5PM (Fri)	Mar 20, 5PM (Fri)	Mar 20, 5PM (Fri)
4 weeks - set 2	Nov, 18 2019	Feb 24, 2020 - 5pm	Feb 24, 2020	Mar 20, 2020	Apr 25/26, 2020	Dec 16, 2019	Mar 16, 10 am (Mon)	Mar 20, 10am (Fri)	Mar 20, 5PM (Fri)	Mar 20, 5PM (Fri)	Mar 20, 5PM (Fri)
8 weeks - set 2	Nov, 18 2019	Feb 24, 2020 - 5pm	Feb 24, 2020	Apr 17, 2020	Apr 25/26, 2020	Dec 16, 2019	Mar 16, 10 am (Mon)	Mar 20, 10am (Fri)	Mar 20, 5PM (Fri)	Mar 20, 5PM (Fri)	Mar 20, 5PM (Fri)

* The extended date to register for exam & pay exam fees will not be extended any further. Requests for payment beyond this date will not be accommodated (see columns I & J).

**DATA CHANGES WILL NOT BE DONE BEYOND THIS DATE

*** Possible Data Changes: Name, DOB, Address, College name, Photo, Signature, Exam city



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KIET Group of Institutions

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